

Phase II Soil Investigation

197 West Gran Avenue Grover Beach, California 93433

San Luis Obispo County APNs: 060-203-006 & 060-203-003



Prepared for:

Coastal Community Builders 330 James Way, Suite 270 Pismo Beach, California 93449

Attn: Cam Boyd

May 12, 2023

Project No.: 4540.2300006.0000



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ATTACHMENTS

- 1 Exploration Plan
- 2 Analytical Laboratory Reports and Chains of Custody
- 3 Previous Reports Phase I





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1.0 INTRODUCTION

1.1 Purpose of Report

Universal Engineering Sciences has prepared this report describing the results of a Phase II Soil investigation conducted on the subject property identified by San Luis Obispo County APNs 060-203-006 & 060-203-003. A previous Phase I investigation found that the soil staining observed on the subject property constituted a "recognized environmental condition". The purpose of this soil investigation was to obtain soil samples to determine the level of contamination and estimate the amount of soil impacted by this contamination. Site activities were authorized by Cam Boyd and performed in accordance with Proposal No. 4540.0323.00004, dated March 30, 2023.

1.2 Property Location/Description

The subject property is located at 197 West Grand Avenue, Grover Beach, San Luis Obispo County and is identified with the County APN's 060-203-006 & 060-203-003. The property is bounded by Le Sage Riviera RV Park to the northwest, a commercial district to the north and east, and by the Grand Ave Beach & Grover Beach side parks to the south and west. The Southern Pacific Guadalupe Line Railroad runs the length of the western edge of the property. This railroad is separated from the subject property by a 10-foot-wide unpaved access

roadway. The greater area contains residential districts and golf course country clubs. The Pacific Ocean is less than ½ mile to the west of the subject site. The area of concern for this Phase I consists of approximately area of 0.979 acres.



Figure 1.2.1: Ariel imagery of the site and surrounding area (Google EarthPro, 2023).





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1.3 Historical Background

Based on historical document review the subject property was originally developed in the late 1950's with a single structure on the south side. By 1994 the current arrangement of commercial buildings had been developed. The earliest record of the subject property is the 1897 USGS topographic map. This, earliest, map shows a dirt road in the approximate position of modern-day West Grand Avenue the Southern Pacific Guadalupe Line Railroad intersection on the southwest corner of the subject site. By 1942 Grover City is present with city streets and sparse development adjacent to the subject site. The first structure on the site is recorded on the 1965 topographic map.





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2.0 PREVIOUS REPORTS/INVESTIGATIVE EFFORTS

2.1 Phase I ESA

A Phase I ESA was conducted by Universal Engineering Science and was titled "Phase I Environmental Site Assessment, 197 West Grand Avenue, Grove Beach, California", dated April 19th, 2022. This Phase I report made the following findings:

"Upon conclusion of our phase I ESA and based on the information reviewed, this assessment has revealed evidence of recognized environmental conditions in connection with the subject property. Soil and concrete staining was observed throughout the site during the field inspection on 04-25-2022. This soil staining is considered a REC and UES is of the opinion that additional environmental investigations at the subject property are warranted at this time."

"This assessment has revealed the following recognized environmental condition

The extensive soil staining throughout the property is considered to be a REC"

This 2022 Phase I report can be found in the appendix of this Phase II.





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3.0 INVESTIGATIVE ACTIVITIES

Based on a Recognized Environmental Condition (REC) found in the previously conducted Phase I report, UES was contracted to conduct a Phase II Environmental Site Assessment for the subject site. This Phase II involved a Soil Study which tested for the presence of Total Petroleum Hydrocarbons (TPH) Volatile Organic Compounds (VOC), Polychlorinated Biphenyls (PCB), and trace elements. The purpose of this investigation was to determine the level of contamination and estimate the amount of soil impacted. Explorations included hand auguring in 11 locations to a depth of two feet to obtain sub grade soil samples.



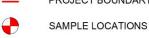


Figure 3.0.2: Sample location map – A full size location map can be found in the appendix





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3.1 Soil Samples

Twenty-two (22) soil samples were taken from eleven (11) locations. Each location had a sample taken from zero (0) to one (1) foot and one (1) to two (2) feet below grade. Sample locations were determined based on observed soil staining and accessibility. Equipment and materials obstructed access to some portions of the site and gravel had recently been lain over part of the property obscuring the visual assessment of soil staining during these phase II site activities. The soil obscured in this way may contain additional contamination that is not accounted for in this report.

A total of twenty-two (22) samples were taken, eleven (11) from 0-1 feet below grade, and eleven (11) from 1-2 feet below grade.





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4.0 ANALYTICAL RESULTS

Twenty-two (22) soil samples were taken. All twenty-two (22) of these samples were submitted, under chain of custody, to Pace Analytical Environmental Sciences (Pace) for testing via EPA Methods:

- 8015
- 8015M
- 6010/7471
- 8260
- 8082

All twenty-two samples were reported to have concentrations of TPH above Regional Screening Levels (RSL). The screening levels reported are taken from the Environmental Protection Agency: Regional Screening Level (RSL) Summary Table, May 2023 and the California Human Health Risk Assessment (HHRA) Not Number 3, DTSC Modified Screening Levels (DTSC-SLs). The Lab results were provided in ranges of TPH designated as Gasoline, Diesel, and Motor Oil and are summarized in the following table:





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	_	Screening mg/kg)					Result	s (mg/kg)				
Analyte				B-1	B-2		B-3		B-4		B-5	
	HHRA	EPA	0-1									
			feet	1-2 feet	0-1 feet	1-2 feet	0-1 feet	1-2 feet	0-1 feet	1-2 feet	0-1 feet	1-2 feet
Gasoline (C4-C12)	97	96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel (C10-C20)	97	96	ND	19	55	78	190	200	18	13	15	10
Motor Oil (C20-C35)	97	96	270	150	900	780	1500	1700	120	100	170	110
Estimated depth of	Estimated depth of excavation (feet)			3	-	7		7	2	2	2	2

	Results (mg/kg)											
Analyte	B-6		B-7		B-8		B-9		B-10		B-11	
	0-1 ft	1-2 feet	0-1 feet	1-2 feet								
Gasoline (C4-C12)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Diesel (C10-C20)	47	42	19	26	58	48	24	25	37	15	8.9	12
Motor Oil (C20-C35)	740	710	160	270	410	280	190	260	370	140	84	180
Excavation (feet)		5		3	.,	3	3	3		3	2	2

These lab results also showed detectable amounts of metals however below EPA and the California Human Health Risk Assessment (HHRA) Screening Levels. The full lab report can be found in the appendix of this report.





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5.0 CONCLUSIONS

The subject site was observed to contain extensive amounts of soil staining. This staining appeared to be connected to various fueling and mechanic operations on the site in connection with the site use. All soil samples were reported to have TPH contamination above regional screening levels. These results are considered a risk to human health and these impacted soils should be removed from the subject site for treatment and disposal and replaced with clean material.

5.1 Impacted Soil Calculations

The amount of contaminated soil was estimated through visual inspection and field mapping. Areas of high contamination were mapped and the square footage of the soil that were impacted was determined. Depth of contamination was determined through analysis of the reported TPH concentrations in the samples taken and knowledge of the relative mobility of its the constituents. The expected depth of contamination

is reported in the table found in section 4.0.

Through mapping of the observed surface contamination UES calculated that approximately 10,900 SqFt of the property contained impacted soils. Figure 5.1.1 to the right shows the lateral extents of contamination as determined through this process. Using the "estimated depth of Excavation" as reported in the table in section 4.0 UES has estimated that 1,250 cubic yards of material should be removed and replaced for the subject site. This is only an estimate and ground conditions will determine the final extent to which soil must be removed.





Figure 5.1.3: Lateral Extent of Contamination – A full size location map can be found in the appendix





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5.1 Recommendations

Impacted soils should be excavated, removed from the subject site, treated for TPH contamination, and disposed of. Removed soils should not be reused on the subject site. Once excavation is deemed to have removed all contaminated soils the margins should be tested to ensure no residual TPH is left on the subject site. When excavations have been cleared of all contamination clean fill material should be imported.

Equipment and materials obstructed access to some portions of the subject site and gravel had recently been lain over part of the property obscuring the visual assessment and field mapping of the soil staining. Additionally, conditions under building foundation systems were not explored during this phase II site investigation. Guarantees can not be made concerning areas of the subject site that were not surveyed. Previously unknown conditions may be uncovered during the excavation and removal of contaminated soils or during future site development. Should any unexpected conditions be discovered the services of an environmental professional should be contracted to determine nature of the unexpected soils and any additional remediation that may be needed.





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6.0 LIMITATIONS

Our activities have been carried out with diligence and detail consistent with prevailing standards and engineering practice. The scope of services was limited to observations made during our time on site, results of on-site sampling and testing, and a review of readily available reports and literature. The investigation focused on providing sampling and analytical testing of notable features and soils across the subject property. The analytical results provide current data to assist in the evaluation of the subject property from the past site operations as they are understood.

There is no investigation that is thorough enough to absolutely exclude the presence of hazardous materials at the Property. Therefore, if none are identified as part of the services noted herein, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of the limited investigation.

We have performed our services for this project in accordance with our proposal and understanding with Coastal Community Builders, and the report is solely for the use of Coastal Community Builders subject to the limitations contained herein. Conclusions are representative of the property conditions at the time of the site activities.

Respectfully submitted, Universal Engineering Sciences

Dean Stanphill, PE, GE

Principal Engineer

BK

Brendan Kallaus

Environmental Geologist



PROJECT PERSONNEL CREDENTIALS

DEAN STANPHILL – Principal Engineer

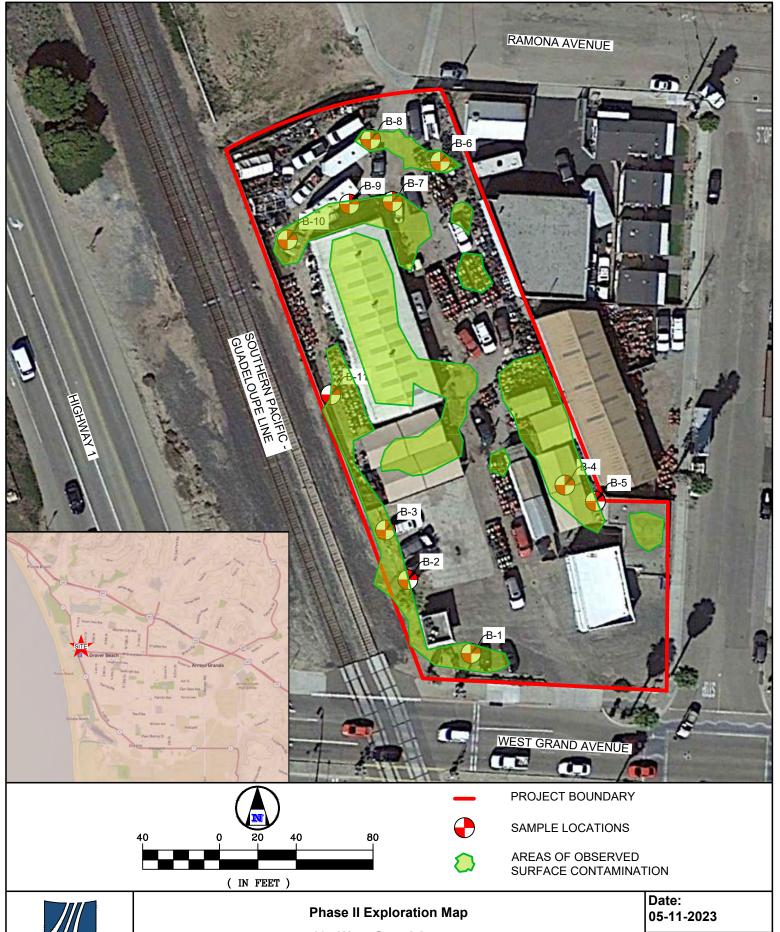
Mr. Stanphill is a registered California Civil and Geotechnical engineer with over 35 years of applicable experience. He holds a Bachelor's Degree in Civil Engineering from San Diego State University as well as a Master's in Business Administration from California State University San Bernardino. Mr. Stanphill's experience includes, environmental sampling and analysis, and Phase I and Phase II environmental site assessments, and environmental site characterization and remediation.

Brendan Kallaus – *Environmental Geologist*

Mr. Kallaus Mr. Kallaus has 12 years of geological and geotechnical experience. His experience includes geotechnical engineering, soil sampling, geological field mapping and geologist exploration along with environmental including asbestos sampling, monitoring, and survey. He has a vast understanding of ground water intrusion projects and has constructed numerous groundwater monitoring wells along with well logging, well construction and sampling services.



Exploration Plan





Phase II Exploration Map
197 West Grand Avenue
Grover Beach, California 93433

San Luis Obispo County APN: 060-203-006

Job No:

4540.2300006.0000

Plate 1



Laboratory Report



Date of Report: 05/10/2023

Dean Stanphill

Universal Engineering (UES) 16 Technology Dr. Irvine, CA 92618

197 W. Grand Ave.-Phase II Client Project:

4540.2300006.000 **BCL Project:**

2307961 BCL Work Order: B475559 Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 4/20/2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Kaylee Mayall

Client Services Rep

Stuart Buttram Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

Report ID: 1001423595



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Laboratory / Client Sample Cross Reference	10
Sample Results	
2307961-01 - B-1 @ 0'-1' - Silty SAND w/ Gravel (SM)	
PCB Analysis (EPA Method 8082)	14
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Total Petroleum Hydrocarbons	
Total Concentrations (TTLC)	
2307961-02 - B-1 @ 1'-2' - Silty SAND w/ Gravel (SM)	
PCB Analysis (EPA Method 8082)	21
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Total Petroleum Hydrocarbons	
Total Concentrations (TTLC)	
2307961-03 - B-2 @ 0'-1' - Silty SAND w/ Gravel (SM)	_
PCB Analysis (EPA Method 8082)	28
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Total Petroleum Hydrocarbons	
Total Concentrations (TTLC)	
2307961-04 - B-2 @ 1'-2' - Silty SAND w/ Gravel (SM)	•
PCB Analysis (EPA Method 8082)	35
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Total Petroleum Hydrocarbons	
Total Concentrations (TTLC)	
2307961-05 - B-3 @ 0'-1' - Silty SAND w/ Gravel (SM)	
PCB Analysis (EPA Method 8082)	42
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Total Petroleum Hydrocarbons	
Total Concentrations (TTLC)	48
2307961-06 - B-3 @ 1'-2' - Silty SAND w/ Gravel (SM)	
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Volatile Organic Analysis (EPA Method 8260B)	50
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Total Petroleum Hydrocarbons	
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Volatile Organic Analysis (EPA Method 8260B)	
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Total Petroleum Hydrocarbons	
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2307961-11 - B-6 @ 0'-1' - Silty SAND w/ Gravel (SM)	
PCB Analysis (EPA Method 8082)	84
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Total Petroleum Hydrocarbons	
Total Concentrations (TTLC)	
2307961-12 - B-6 @ 1'-2' - Silty SAND w/ Gravel (SM)	
PCB Analysis (EPA Method 8082)	91
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Total Petroleum Hydrocarbons	
Total Concentrations (TTLC)	
2307961-13 - B-7 @ 0'-1' - Silty SAND w/ Gravel (SM)	
PCB Analysis (EPA Method 8082)	98
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
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PCB Analysis (EPA Method 8082)	105
Volatile Organic Analysis (EPA Method 8260B)	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
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Volatile Organic Analysis (EPA Method 8260B)	
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Volatile Organic Analysis (EPA Method 8260B)	
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Report ID: 1001423595

Chain of Custody and Cooler Receipt Form for 2307961 Page 1 of 5 Ŋ ☐3 Day" ☐2 Day" ☐1 Day" Rush requests must be approved Result Request "Surcharge STD 5 Day" 34 Day 420.23 samples 2307961 βý Name - 00137210 - UES_Soil Testing_042023 receipt. must be disclosed prior to Matrix 19fsW odssW Sample Ground Water Global ID Drinking Water **өбрлі**я material containing radioactive 4100 Atlas Ct. -- Bakersfield, CA 93308 -- 661.327.4911 -- Fax: 661.327.1918 -- www.pacelabs.com ŝ **Analysis Requested** Date Yes EPA 8082 7 7 7 7 EDF Required Geotracke 7 7 7 7 7 7 7 7 7 EPA 8260 7 7 7 7 7 7 7 7 7 7 1747/0108A93 background levels. 7 noturned to client 7 7 7 7 7 7 Relinquished By EPA8015M Jacob Alvarez 7 7 7 7 2108 A93 7 7 7 7 7 7 7 3:00 PM Project Name: 197 W Grand Ave - Phase I Jacob Alvarez will be Project #: 4540.2300006.000 GIS/Key | Well Star containing radioactive material evels will not be accepted and 23 04 | 17 | 23 23 04 | 17 | 23 04 | 17 | 23 23 23 04 | 17 | 23 23 23 23 23 8 8 System # 17 17 17 17 17 17 11 17 Sampler(s) Name Printed: 8 8 8 8 8 g ġ g B-1 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-1 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-2 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-2 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-3 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-3 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-4 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-5 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-5 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-6 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-6 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-7 @ 0' - 1' - Silty SAND w/ Gravel (SM) 1' - 2' - Silty SAND w/ Gravel (SM) BID# Same as above Pace Analytical Bakershold does not accept samples of containing radioactive material above background ! Z 139 B-4 @ 0' - 1' - Silty SAND (SM) Street Address: 16 Technology Drive, Suite GE, CEM 23-0796 \boxtimes City, State, Zip: Irvine, CA 92618 Email: dstanphill@teamues.com Fax: -Attn: Dean Stanphill, PE, Phone: 775-856-5566 (9) Nork Order #: Client: UES B-7 Address: 9 lient: PO.#: 4 4 9(٠ 9 F 7 13 2 3 S 8 - 1

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Chain of Custody and Cooler Receipt Form for 2307961 Page 2 of 5 Chain of Custody Form ☐3 Day** ☐2 Day** ☐1 Day** Rush requests must be approved Result Request "Surcharge must be disclosed prior to receipt. Any samples suspected Notes Quota Nama - 00137210 - UES_ Soll Teasing_042023 'aco Project Manager - Vanessa Sandoval ghe Quote Number - 00137210 Sample Matrix Vaste Water Comments Ground Water Drinking Water aBonis Samples containing radioactive material ≗ □ 4100 Attas Ct. – Bakerstield, CA 93308 – 681.327.4911 – Fax: 681.327.1918 – www.pacelabs.com Date 04/20/23 Analysis Requested Date 7 7 7 7 EPA 8082 7 7 7 7 7 7 7 7 7 EDF Required Geotracke 7 EPA 8260 7 7 7 7 7 7 7 EPA6010/7471 Pace Analytical Bakarstield does not accept semples containing radioactive material above background levels. of containing radioactive material above background levels will not be accepted and will be returned to client. 7 1. Relinquished By Jacob Alvarez 7 7 7 7 Relinquished By M2108A93 7 7 EPA 8015 7 7 3:00 PM Project Name; 197 W Grand Ave - Phase I Jacob Alvarez Project #: 4540.2300006.000 GIS/Key | Well Star | 04 | 17 | 23 (Needed for CLIP) 8 \aleph \mathbf{g} 8 <u>8</u> 117 17 R 11 17 11 4 17 Sampler(s) Name Printed: g B-11 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-10 @ 0" - 1" - Silty SAND w/ Gravel (SM) B-10 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-11 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-8 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-8 @ 1' - 2' - Silty SAND w/ Gravel (SM) B-9 @ 0' - 1' - Silty SAND w/ Gravel (SM) B-9 @ 1' - 2' - Silty SAND w/ Gravel (SM) BID# Same as above 139 Street Address: 16 Technology Drive, Suite Description Attn: Dean Stanphill, PE, GE, CEM \boxtimes City, State, Zip: Irvine, CA 92618 Email: dstanphill@teamues.com Fax: ANALYTICAL SERVICES hone: 775-856-5566 Vork Order #: Billing Address: Client: P.O. #: 28 73 5 9 17 9 13 52 ĠĠ Attn:



Chain of Custody and Cooler Receipt Form for 2307961 Page 3 of 5 PACE ANALYTICAL COOLER RECEIPT FORM Of 3 Page _\ Submission #: 23-07961 SHIPPING INFORMATION SHIPPING CONTAINER FREE LIQUID Fed Ex □ UPS, 🗆 GSO / GLS □ Hand Delivery Z Ice Chest 🗷 None □ Box □ YES I NO E Pace Lab Field Service 🛘 Other [] (Specify) Other (Specify) W / S Refrigerant: Ice 🗆 Blue Ice □ None Z Other 🗆 Comments: No Custody Seals Ice Chest □ Containers None @ Comments: Intact? Yes
No Intact? Yes D No () All samples received? Yes Z No 🛛 All samples containers intact? Yes ☑ No □ Description(s) match COC2 Yes □ No Ø Emissivity: 097 Container: NA Thermometer ID: 337 COC Received Z YES 208 ·o 1 (0) 20.9 SAMPLE NUMBERS SAMPLE CONTAINERS QT PE UNPRES 40x/80x/160x PE UNPRES OT INORGANIC CHEMICAL METALS INORGANIC CHEMICAL METALS 40z / 80z / 160z PT CYANIDE PT NITROGEN FORMS PT TOTAL SULFIDE 20z. NITRATE / NITRITE PT TOTAL ORGANIC CARBON PT CHEMICAL OXYGEN DEMAND PrA PHENOLICS 40ml VOA VIAL TRAVEL BLANK 40ml VOA VIAL QT EPA 1664B PT ODOR RADIOLOGICAL BACTERIOLOGICAL 40 ml VOA VIAL- 504 QT EPA 508/608,3/8081A QT BPA 515,1/8151A QT EPA 525.2 OT EPA 525.2 TRAVEL BLANK 40ml EPA 547 40ml EPA 531.1 3cz EPA 548.1 QT EPA 8015M OT EPA 8270C 8cz / 16cz / 32cz AMBER 30z/160z/320z JAR SOIL SLEEVE PCB VIAL PLASTIC BAG Α A A Α A TEDLAR BAG FERROUS IRON ENCORE SMART KIT SUMMA CANISTER Comments: Sample descriptions
Sample Numbering Completed By:
A = Actual / C = Corrected that say 1'-2' on coc on PRC Date/Time: 4/20/23 Rev 23 05/20/22 (S:/WPDodWordPerfeedLAB_DOGSTORMS/SAMREGREV 20)



Chain of Custody and Cooler Receipt Form for 2307961 Page 4 of 5

PACE ANALYTICAL	C	OOLER	RECEIP'	FORM			Page	Z_0f_	3	
Submission #: 23-0790	2(
SHIPPING INFO	SHIPPING INFORMATION Fed Ex UPS GSO / GLS Hand Delivery 2						NER Box 🗆		FREE LIC YES D N	0 2
Refrigerant: Ice □ Blue Ice □	None	Z 01	her 🗆	Commer	ts: Na	ice.				
Custody Seals Ice Chest □ Intact? Yes □ No □	Contain Intact? Yes		None	Ø Comn						
All samples received? Yes∠ No □	All samples	containe	rs intact?	Yes No		Descrip	tion(s) mat	tch COC2	Yes □ No	
COC Received En	nissivity: 🛕 emperature:	97 c	ontainer: 208	NA 1 _°° /	hermome (c)_2	ter ID: 33 0. 9	. ° °	Date/Tip VIII/01 Analyst	Yes □ No ne 4.20 . Init 3.44	23
SAMPLE CONTAINERS					SAMPL	E NUMBERS				20
	1 1	1 12	3	16	16	la.	17	18	/ 9	45
QT PE UNPRES 40z/8oz/16oz PE UNPRES	+-		-	-		+				-
2oz Cr [∞]		1					-	_		-
OT INORGANIC CHEMICAL METALS							-			
INORGANIC CHEMICAL METALS 402 / 302 / 160								1		
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
20z. NETRATE / NITRITE		-								
PT TOTAL ORGANIC CARBON PT CHEMICAL OXYGEN DEMAND	+	-	-			 		-		
PIA PHENOLICS	-	-	1			-		-		
40ml VOA VIAL TRAVEL BLANK								-		
40ml VOA VIAL										
OT EPA 1664B										
PT ODOR	+	<u> </u>	-							
RADIOLOGICAL BACTERIOLOGICAL										
40 ml VOA VIAL 504	1		-					-		
OT EPA 508/608 3/8081A		\vdash							-	
QT EPA 515.1/8151A										
QT EPA 525.2										
OT EPA 525,2 TRAVEL BLANK										
10ml EPA 547	 									
90ml EPA 531.1										
Foz BPA 548.1										
QT EPA \$49.2 DT EPA 8015M	1									
OT EPA 8270C										
ice/16ce/32ce AMBER		-								
ioz/160z/320z JAR										
OILSLEEVE	1									
CB VIAL	Α.									
TASTIC BAG	A	Α	Α	A	A-	_A-	A	Α	A	A
EDLAR BAG ERROUS IRON										
INCORE									-	
MART KIT										
UMMA CANISTER					-			-		
omments:	-									
mple Numbering Completed By:	PRC		Date/	Time: 4/2	723	1700	IS/WPBackWood	Pedecil AR CO	Rev 23 05/ CRIFORMS/SAMRI	



Chain of Custody and Cooler Receipt Form for 2307961 Page 5 of 5 PACE ANALYTICAL COOLER RECEIPT FORM Page 3 Of 3 73-07961 Submission #: SHIPPING INFORMATION SHIPPING CONTAINER FREE LIQUID Fed Ex 🗆 UPS [] GSO / GLS □ Hand Delivery Z ice Chest 🗷 None 🗆 Box 🗆 YES 🗆 NO 🗷 Pace Lab Field Service Other (Specify) Other (Specify) W/S Refrigerant: Ice 🗆 Blue Ice Comments: No ice None 🗷 Other 🗆 Custody Seals Ice Chest Containers [] None 2 Comments: Intact? Yes [] No [] Intact? Yes:
No All samples received? Yes Z No 🗆 All samples containers intact? Yes No 🗆 Description(s) match COC? Yes □ No Ø Emissivity: 097 Container: NA Thermometer ID: 337 COC Received Z YES 208 · 1 (0) 20.9 SAMPLE NUMBERS SAMPLE CONTAINERS QT PE UNPRES 40z/80z/160z PE UNPRES 202 Cr*6 OT INORGANIC CHEMICAL METALS ENORGANIC CHEMICAL METALS 40x / 80x / 160x PT CYANIDE PT NITROGEN FORMS PT TOTAL SULFIDE 20s. NITRATE / NITRITE PT TOTAL ORGANIC CARBON PT CHEMICAL OXYGEN DEMAND PtA PHENOLICS 40ml VOA VIAL TRAVEL BLANK 40ml VOA VIAL QT EPA 1664B PT ODOR RADIOLOGICAL BACTERIOLOGICAL 40 ml VOA VIAL- 504 OT EPA 508/608,3/8081A QT EPA 515.1/8151A QT EPA 525,2 QT EPA 525.2 TRAVEL BLANK 40ml EPA 547 40ml EPA 531.1 Sex EPA 548,1 QT EPA 549.2 QT EPA 8015M QT EPA \$270C 80x/160x/320x AMBER 8ez / 16oz / 32ez JAR SOILSLEEVE PCB VIAL PLASTIC BAG TEDLAR BAG FERROUS IRON ENCORE SMART KIT SUMMA CANISTER Sample Numbering Completed By:____
A = Actual / C = Corrected Date/Time: 4/20/23 1700 Rev 23 05/20/22

[8/WPDecWordPerfectLAB_DOCS/FORMS/SAMRS/Drev 20]



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
2307961-01	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-1 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-02	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-1 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-03	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-2 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-04	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-2 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-05	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-3 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-06	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-3 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-07	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-4 @ 0'-1' - Silty SAND (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information									
2307961-08	COC Number:		Receive Date:	04/20/2023 12:25						
	Project Number:		Sampling Date:	04/17/2023 15:00						
	Sampling Location:		Sample Depth:							
	Sampling Point:	B-4 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids						
	Sampled By:	JacoB Alvarez	Sample Type:	Soil						
2307961-09	COC Number:		Receive Date:	04/20/2023 12:25						
	Project Number:		Sampling Date:	04/17/2023 15:00						
	Sampling Location:		Sample Depth:							
	Sampling Point:	B-5 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids						
	Sampled By:	JacoB Alvarez	Sample Type:	Soil						
2307961-10	COC Number:		Receive Date:	04/20/2023 12:25						
	Project Number:		Sampling Date:	04/17/2023 15:00						
	Sampling Location:		Sample Depth:							
	Sampling Point:	B-5 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids						
	Sampled By:	JacoB Alvarez	Sample Type:	Soil						
2307961-11	COC Number:		Receive Date:	04/20/2023 12:25						
	Project Number:		Sampling Date:	04/17/2023 15:00						
	Sampling Location:		Sample Depth:							
	Sampling Point:	B-6 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids						
	Sampled By:	JacoB Alvarez	Sample Type:	Soil						
2307961-12	COC Number:		Receive Date:	04/20/2023 12:25						
	Project Number:		Sampling Date:	04/17/2023 15:00						
	Sampling Location:		Sample Depth:							
	Sampling Point:	B-6 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids						
	Sampled By:	JacoB Alvarez	Sample Type:	Soil						
2307961-13	COC Number:		Receive Date:	04/20/2023 12:25						
	Project Number:		Sampling Date:	04/17/2023 15:00						
	Sampling Location:		Sample Depth:							
	Sampling Point:	B-7 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids						
	Sampled By:	JacoB Alvarez	Sample Type:	Soil						
2307961-14	COC Number:		Receive Date:	04/20/2023 12:25						
	Project Number:		Sampling Date:	04/17/2023 15:00						
	Sampling Location:		Sample Depth:							
	Sampling Point:	B-7 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids						
	Sampled By:	Jacob Alvarez	Sample Type:	Soil						

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
2307961-15	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
		B-8 @ 0'-1' - Silty SAND w/ Gravel (SM)	• •	Solids
	Sampling Point: Sampled By:	JacoB Alvarez	Lab Matrix: Sample Type:	Soil
	Sampled by.	545557414452	Sample Type.	
2307961-16	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-8 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-17	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-9 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
307961-18	COO Name to a second		Decitive Date	04/20/2022 42:25
2307901-10	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-9 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-19	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
				Solids
	Sampling Point: Sampled By:	B-10 @ 0'-1' - Silty SAND w/ Gravel (SM) JacoB Alvarez	Lab Matrix: Sample Type:	Soil
	Odnipied By.	000057410102	Cample Type.	
307961-20	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-10 @ 1'-2' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil
2307961-21	COC Number:		Receive Date:	04/20/2023 12:25
	Project Number:		Sampling Date:	04/17/2023 15:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	B-11 @ 0'-1' - Silty SAND w/ Gravel (SM)	Lab Matrix:	Solids
	Sampled By:	JacoB Alvarez	Sample Type:	Soil

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Laboratory / Client Sample Cross Reference

Laboratory **Client Sample Information** 2307961-22 **COC Number:** Receive Date: 04/20/2023 12:25 **Project Number:** Sampling Date: 04/17/2023 15:00 **Sampling Location:** Sample Depth: Sampling Point: B-11 @ 1'-2' - Silty SAND w/ Gravel (SM) Lab Matrix: Solids JacoB Alvarez Sampled By: Sample Type: Soil

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 13 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-01	Client Sampl	Client Sample Name:		B-1 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1		
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1		
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1		
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1		
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1		
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1		
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1		
Total PCB's (Summation	۱)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1		
Decachlorobiphenyl (Su	rrogate)	30.0	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1		

	Run						QC			
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 12:25	HKS	GC-14	1.010	B165311	EPA 3550B		

DCN = Data Continuation Number

Report ID: 1001423595



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1		B-1 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
BCL Sample ID:	2307961-01	Client Sampl	e Name:	B-1 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/20				
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1	
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1	
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1	
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1	
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1	
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1	
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1	
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1	
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1	
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1	
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1	
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1	
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1	
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1	
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1	
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1	
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1	
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1	
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1	
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1	
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1	
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1	
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1	
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1	
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1	
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1	
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1	
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 15 of 192



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-01	Client Sample	e Name:	B-1 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Constituent		Posult	Units	PQL	MDL	Method	MB	Lab	DCN
cis-1,3-Dichloropropene		Result ND	mg/kg	0.0050	0.00058	EPA-8260B	Bias ND	Quals	DCN 1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		 1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluo	roethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Su	rrogate)	98.6	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		99.3	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (S	urrogate)	101	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID	: 2307961-01 Client Sample Name: B-1 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						3 Alvarez	
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:11	04/21/23 12:01	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-01	Client Sampl	e Name:	B-1 @ 0'-1' -	B-1 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1		
a,a,a-Trifluorotoluene	(FID Surrogate)	102	%	70 - 130 (LC	L - UCL)	EPA-8015B			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/26/23 14:37	SEM	GC-V8	0.992	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

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Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-01	Client Sampl	e Name:	B-1 @ 0'-1' -	· Silty SAND w	// Gravel (SM), 4/17/202	3 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel (FFP)		ND	mg/kg	50	11	EPA-8015B/FFP	ND	A10	1
TPH - Motor Oil		270	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1
Tetracosane (Surrogate	e)	44.5	%	40 - 130 (LC	CL - UCL)	EPA-8015B/FFP			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 11:59	BUP	GC-2	5	B165278	EPA 3550B

DCN = Data Continuation Number

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Report ID: 1001423595



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-01	Client Sampl	e Name:	B-1 @ 0'-1' -	B-1 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
Antimony		3.8	mg/kg	5.0	0.33	EPA-6010B	ND	J	1			
Arsenic		5.0	mg/kg	1.0	0.40	EPA-6010B	ND		1			
Barium		38	mg/kg	0.50	0.18	EPA-6010B	ND		1			
Beryllium		0.13	mg/kg	0.50	0.047	EPA-6010B	ND	J	1			
Cadmium		0.79	mg/kg	0.50	0.052	EPA-6010B	ND		1			
Chromium		23	mg/kg	0.50	0.050	EPA-6010B	0.38		1			
Cobalt		7.1	mg/kg	2.5	0.098	EPA-6010B	ND		1			
Copper		15	mg/kg	1.0	0.050	EPA-6010B	ND		1			
Lead		23	mg/kg	2.5	0.41	EPA-6010B	ND		1			
Mercury		0.039	mg/kg	0.16	0.016	EPA-7471A	ND	J	2			
Molybdenum		4.2	mg/kg	2.5	0.050	EPA-6010B	0.058		1			
Nickel		18	mg/kg	0.50	0.15	EPA-6010B	0.30		1			
Selenium		2.2	mg/kg	1.0	0.98	EPA-6010B	ND		1			
Silver		0.75	mg/kg	0.50	0.067	EPA-6010B	ND		1			
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1			
Vanadium		21	mg/kg	0.50	0.11	EPA-6010B	ND		1			
Zinc		48	mg/kg	2.5	0.087	EPA-6010B	ND		1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:21	JCC	PE-OP3	0.980	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:22	TMT	CETAC3	0.992	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-02	Client Sampl	e Name:	B-1 @ 1'-2' -	B-1 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summation	on)	0.0079	mg/kg	0.010	0.0050	EPA-8082	ND	J	1			
Decachlorobiphenyl (Si	urrogate)	31.7	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1			

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 12:37	HKS	GC-14	0.984	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2307961-0	O2 Client Sampl	e Name:	B-1 @ 1'-2' -	Silty SAND w/	Gravel (SM), 4/17/2	023 3:00:00PM, J	acoB Alvarez	
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND ND	mg/kg	0.0050	0.00067	EPA-8260B	ND ND	Quuis	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Constituent cis-1,3-Dichloropropene	Res							
	KAS	ult Units	PQL	MDL	Method	MB	Lab	DON
<u> </u>	NI			0.00058	EPA-8260B	Bias ND	Quals	<u>DCN</u> 1
trans-1,3-Dichloropropene	NI			0.00066	EPA-8260B	ND		1
Ethylbenzene	NI			0.00069	EPA-8260B	ND		 1
Hexachlorobutadiene	NI	D mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	NI	D mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	NI	D mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	NI	D mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	NI	D mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	NI	D mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	NI	D mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	NI	D mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	NI	D mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	NI	D mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	NI	D mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	NI	D mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	NI	D mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	NI	D mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	NI	D mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	NI	D mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	NI	D mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	NI	D mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	NI	D mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroe	thane Ni	D mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	NI	D mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	NI	D mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	NI	D mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	NI	D mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes	NI	D mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	NI	D mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrog	gate) 89	.8 %	70 - 121 (L	CL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	99	.0 %	81 - 117 (L	.CL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surro	gate) 10	1 %	74 - 121 (L	CL - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID	: 2307961-02	Client San	nple Name:	B-1 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez					
DCN	Method	Prep Date	Run Date/Time	QC e Analyst Instrument Dilution Batch ID					
1	EPA-8260B	04/20/23 21:11	04/21/23 16:41	EAB	MS-V17	1	B164625	EPA 5030 Soil MS	

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-02	Client Sampl	e Name:	B-1 @ 1'-2' -	B-1 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent	PQL	MDL	Method	MB Bias	Lab Quals	DCN						
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1			
a,a,a-Trifluorotoluene (FID Surrogate) 102 %					L - UCL)	EPA-8015B			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/26/23 15:49	SEM	GC-V8	1.010	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-02	Client Sampl	e Name:	B-1 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
TPH - Diesel (FFP)		19	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1			
TPH - Motor Oil		150	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1			
Tetracosane (Surrogat	e)	61.3	%	40 - 130 (LCL	UCL)	EPA-8015B/FFP			1			

Г				Run					
	DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
	1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 12:22	BUP	GC-2	1.014	B165278	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-02	Client Sampl	e Name:	B-1 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/20	023 3:00:00PM, J	lacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		0.99	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		4.5	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		28	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.15	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.40	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium		18	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		4.7	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		8.6	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		13	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.074	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		2.1	mg/kg	2.5	0.050	EPA-6010B	0.059	J	1
Nickel		11	mg/kg	0.50	0.15	EPA-6010B	0.31		1
Selenium		2.0	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.44	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		14	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		25	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:11	JCC	PE-OP3	1	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:33	TMT	CETAC3	1.025	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-03	Client Sampl	e Name:	B-2 @ 0'-1' -	B-2 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
PCB-1016		ND	mg/kg	0.10	0.023	EPA-8082	ND	A10	1		
PCB-1221		ND	mg/kg	0.10	0.033	EPA-8082	ND	A10	1		
PCB-1232		ND	mg/kg	0.10	0.026	EPA-8082	ND	A10	1		
PCB-1242		ND	mg/kg	0.10	0.015	EPA-8082	ND	A10	1		
PCB-1248		ND	mg/kg	0.10	0.021	EPA-8082	ND	A10	1		
PCB-1254		ND	mg/kg	0.10	0.016	EPA-8082	ND	A10	1		
PCB-1260		ND	mg/kg	0.10	0.018	EPA-8082	ND	A10	1		
Total PCB's (Summation	1)	ND	mg/kg	0.10	0.050	EPA-8082	ND	A10	1		
Decachlorobiphenyl (Su	rrogate)	83.3	%	40 - 120 (LC	L - UCL)	EPA-8082			1		

			Run				QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method			
1	EPA-8082	04/27/23 13:00	05/02/23 12:48	HKS	GC-14	10.067	B165311	EPA 3550B			

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-03	Client Sampl	e Name:	B-2 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropro	ppane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	:	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	9	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2	2307961-03	Client Sampl	B-2 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
sopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
o-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluor	oethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
o- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Sur	rogate)	88.4	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Foluene-d8 (Surrogate)		98.0	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
1-Bromofluorobenzene (Su	rrogate)	97.9	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-03	Client San	nple Name:	B-2 @ 0'-1' - Silty	SAND w/ Gravel (SM	1), 4/17/2023 3:0	00:00PM, JacoB	Alvarez
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:11	04/21/23 17:02	e EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 31 of 192



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-03	Client Sampl	e Name:	JacoB Alvarez					
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	100	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/26/23 16:14	SEM	GC-V8	1.008	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-03	Client Sampl	e Name:	B-2 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		55	mg/kg	50	11	EPA-8015B/FFP	ND	A10,A52	1		
TPH - Motor Oil		900	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1		
Tetracosane (Surrogat	e)	48.2	%	40 - 130 (LC	CL - UCL)	EPA-8015B/FFP			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 12:45	BUP	GC-2	5.034	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-03	Client Sampl	e Name:	B-2 @ 0'-1' -	B-2 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
Antimony		1.2	mg/kg	5.0	0.33	EPA-6010B	ND	J	1			
Arsenic		5.4	mg/kg	1.0	0.40	EPA-6010B	ND		1			
Barium		43	mg/kg	0.50	0.18	EPA-6010B	ND		1			
Beryllium		0.082	mg/kg	0.50	0.047	EPA-6010B	ND	J	1			
Cadmium		0.58	mg/kg	0.50	0.052	EPA-6010B	ND		1			
Chromium		22	mg/kg	0.50	0.050	EPA-6010B	0.37		1			
Cobalt		2.9	mg/kg	2.5	0.098	EPA-6010B	ND		1			
Copper		12	mg/kg	1.0	0.050	EPA-6010B	ND		1			
Lead		15	mg/kg	2.5	0.41	EPA-6010B	ND		1			
Mercury		0.025	mg/kg	0.16	0.016	EPA-7471A	ND	J	2			
Molybdenum		2.9	mg/kg	2.5	0.050	EPA-6010B	0.057		1			
Nickel		12	mg/kg	0.50	0.15	EPA-6010B	0.29		1			
Selenium		1.5	mg/kg	1.0	0.98	EPA-6010B	ND		1			
Silver		0.51	mg/kg	0.50	0.067	EPA-6010B	ND		1			
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1			
Vanadium		18	mg/kg	0.50	0.11	EPA-6010B	ND		1			
Zinc		89	mg/kg	2.5	0.087	EPA-6010B	ND		1			

			Run		QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method	
1	EPA-6010B	04/25/23 10:00	04/28/23 20:29	JCC	PE-OP3	0.952	B164836	EPA 3050B	
2	EPA-7471A	04/28/23 10:55	04/28/23 14:42	TMT	CETAC3	0.977	B165112	EPA 7471A	

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-04	Client Sampl	e Name:	B-2 @ 1'-2' -	B-2 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.10	0.023	EPA-8082	ND	A10	1			
PCB-1221		ND	mg/kg	0.10	0.033	EPA-8082	ND	A10	1			
PCB-1232		ND	mg/kg	0.10	0.026	EPA-8082	ND	A10	1			
PCB-1242		ND	mg/kg	0.10	0.015	EPA-8082	ND	A10	1			
PCB-1248		ND	mg/kg	0.10	0.021	EPA-8082	ND	A10	1			
PCB-1254		ND	mg/kg	0.10	0.016	EPA-8082	ND	A10	1			
PCB-1260		ND	mg/kg	0.10	0.018	EPA-8082	ND	A10	1			
Total PCB's (Summation	on)	ND	mg/kg	0.10	0.050	EPA-8082	ND	A10	1			
Decachlorobiphenyl (S	urrogate)	50.0	%	40 - 120 (LC	L - UCL)	EPA-8082			1			

			Run				QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method			
1	EPA-8082	04/27/23 13:00	05/02/23 12:59	HKS	GC-14	10	B165311	EPA 3550B			

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-04	Client Sampl	B-2 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
BCL Sample ID.	2307 90 1-04	Client Sampi	e Name.				МВ	Lab	
Constituent		Result	Units	PQL	MDL	Method	Bias	Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
ert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
1-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-04	Client Sampl	e Name:	B-2 @ 1'-2' -	B-2 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez					
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	Quais	1	
trans-1,3-Dichloropropene)	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1	
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1	
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1	
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1	
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1	
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1	
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1	
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1	
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1	
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1	
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1	
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1	
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1	
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1	
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1	
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1	
1,1,2-Trichloro-1,2,2-trifluo	oroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1	
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1	
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1	
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1	
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1	
1,2-Dichloroethane-d4 (Si	urrogate)	88.1	%	70 - 121 (LC	L - UCL)	EPA-8260B			1	
Toluene-d8 (Surrogate)		97.7	%	81 - 117 (LC	L - UCL)	EPA-8260B			1	
4-Bromofluorobenzene (S	urrogate)	96.5	%	74 - 121 (LC	L - UCL)	EPA-8260B			1	

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID	: 2307961-04	Client San	nple Name:	B-2 @ 1'-2' - Silty	SAND w/ Gravel (SM	1), 4/17/2023 3:	00:00PM, JacoB	Alvarez
DCN	Method	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID		
1	EPA-8260B	04/20/23 21:11	04/21/23 17:24	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 38 of 192 Report ID: 1001423595



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-04	Client Sampl	e Name:	B-2 @ 1'-2' -	- Silty SAND w	// Gravel (SM), 4/17/20	023 3:00:00PM, J	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	100	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/26/23 16:38	SEM	GC-V8	1.008	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-04	Client Sampl	e Name:	B-2 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/202	23 3:00:00PM, C	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel (FFP)		78	mg/kg	50	11	EPA-8015B/FFP	ND	A10,A52	1
TPH - Motor Oil		780	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1
Tetracosane (Surrogate	e)	43.7	%	40 - 130 (LC	L - UCL)	EPA-8015B/FFP			1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
 1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 13:07	BUP	GC-2	5	B165278	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-04	Client Sampl	e Name:	B-2 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM, c	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		0.73	mg/kg	5.0	0.33	EPA-6010B	ND	J	
									ı
Arsenic		5.0	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		38	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.10	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.60	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		17	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		2.8	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		15	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		24	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.026	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		2.0	mg/kg	2.5	0.050	EPA-6010B	0.059	J	1
Nickel		13	mg/kg	0.50	0.15	EPA-6010B	0.31		1
Selenium		2.9	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.49	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		16	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		99	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:30	JCC	PE-OP3	1	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:44	TMT	CETAC3	0.977	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-05	Client Sampl	e Name:	B-3 @ 0'-1' -	B-3 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.10	0.023	EPA-8082	ND	A10	1			
PCB-1221		ND	mg/kg	0.10	0.033	EPA-8082	ND	A10	1			
PCB-1232		ND	mg/kg	0.10	0.026	EPA-8082	ND	A10	1			
PCB-1242		ND	mg/kg	0.10	0.015	EPA-8082	ND	A10	1			
PCB-1248		ND	mg/kg	0.10	0.021	EPA-8082	ND	A10	1			
PCB-1254		ND	mg/kg	0.10	0.016	EPA-8082	ND	A10	1			
PCB-1260		ND	mg/kg	0.10	0.018	EPA-8082	ND	A10	1			
Total PCB's (Summation	on)	ND	mg/kg	0.10	0.050	EPA-8082	ND	A10	1			
Decachlorobiphenyl (S	Surrogate)	83.3	%	40 - 120 (LC	CL - UCL)	EPA-8082			1			

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 13:11	HKS	GC-14	10.101	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1		B-3 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
BCL Sample ID:	2307961-05	Client Sampl	e Name:	B-3 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/20					
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1		
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1		
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1		
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1		
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1		
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1		
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1		
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1		
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1		
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1		
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1		
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1		
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1		
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Constituent	BCL Sample ID: 2	307961-05	Client Sample	e Name:	B-3 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/2	023 3:00:00PM, J	acoB Alvarez	
cs-13-Dictiloropropene ND mg/kg 0.0058 EPA-8260B ND 1 trans-13-Dictiloropropene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Ethylbenzene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Hexachlorobludiene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Isopropyldenzene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Isopropyldenzene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Methyle bedyl ether ND mg/kg 0.010 0.011 EPA-8260B ND 1 Napathtalene ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND	Constituent		Posult	Unite	POI	MDI	Mothed			DCN
trans-1,3-Dichloropropene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Ethylbenzene ND mg/kg 0.0050 0.0068 EPA-8260B ND 1 Hexachrorobitadene ND mg/kg 0.0050 0.0068 EPA-8260B ND 1 Isapropylbenzene ND mg/kg 0.0050 0.0068 EPA-8260B ND 1 P-Bopropyldouene ND mg/kg 0.0050 0.0068 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.0050 0.0069 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1,1,2,2-Tetachlorochane ND mg/kg 0.0050 0.00062									Quais	
Ethylbenzene	trans-1,3-Dichloropropene		ND		0.0050	0.00066	EPA-8260B	ND		
Isopropylbenzene	Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Pisopropyltoluene	Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methyl t-butyl ether ND mg/kg 0.0050 0.0056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00082 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00085 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00089 EPA-8260B ND 1 1,2-3-Trichlorobenzene ND mg/kg 0.0050 0.0015	Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
Methyl t-butyl ether ND mg/kg 0.0050 0.0056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1.1.1.2.Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 1.1.1.2.Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Totachloroethene ND mg/kg 0.0050 0.00089 EPA-8260B ND 1 1.2.3-Trichloroethane ND mg/kg 0.0050 0.00061 EPA-8260B ND 1 1.1.1-Trichloroethane ND mg/kg 0.0050 0.0006	p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00098 EPA-8260B ND 1 1,2,4-Trichloroethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.00074	Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1.1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1.1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 1,2,3-Trichlorobenzene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichlorobenzene ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 1,1,2-Trichlorobenzene ND mg/kg 0.0050 0	Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Styrene ND mg/kg 0.0050 0.0062 EPA-8260B ND 1 1.1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.0095 EPA-8260B ND 1 1.1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 1,2,3-Trichlorobenzene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,4-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichlorobenzene ND mg/kg 0.0050 0.0007 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.0007 EPA-8260B ND 1 Trichloroethane ND mg/kg 0.0050 0.0015	Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.0095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.0009 EPA-8260B ND 1 1,2,3-Trichlorobenzene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,4-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichlorobenzene ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 Trichloroethane ND mg/kg 0.0050	n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.0084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.0069 EPA-8260B ND 1 1,2,3-Trichlorobenzene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,4-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.0007 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.0007 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.0007 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050	Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
Tetrachloroethene	1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
Toluene	1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
1,2,3-Trichlorobenzene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,4-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.00094 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 1richloroethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2-4-Trimethylbenzene ND mg/kg 0.0050 0.0008 EPA-8260B ND 1 1,3-5-Trimethylbenzene ND mg/kg	Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
1,2,4-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.00094 EPA-8260B ND 1 Trichloroethane ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,2,3-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.0008 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.0006 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.00	Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,1,1-Trichloroethane ND mg/kg 0.0050 0.00667 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.00094 EPA-8260B ND 1 Trichloroethane ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.0008 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.	1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,1,2-Trichloroethane ND mg/kg 0.0050 0.00094 EPA-8260B ND 1 Trichloroethane ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,2,3-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.0008 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0059 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050	1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Trichloroethene ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,2,3-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 12	1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p-& m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121	1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.0003 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL)<	Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.0093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.0093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	1,1,2-Trichloro-1,2,2-trifluoro	oethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Vinyl chloride ND mg/kg 0.0050 0.0059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
o-Xylene ND mg/kg 0.0050 0.0093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate) 90.3 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Toluene-d8 (Surrogate) 98.5 % 81 - 117 (LCL - UCL) EPA-8260B 1	o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
	1,2-Dichloroethane-d4 (Surr	rogate)	90.3	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate) 98.1 % 74 - 121 (LCL - UCL) EPA-8260B 1	Toluene-d8 (Surrogate)		98.5	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
	4-Bromofluorobenzene (Sur	rogate)	98.1	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-05	Client San	nple Name:	B-3 @ 0'-1' - Silty	SAND w/ Gravel (SM	1), 4/17/2023 3:	00:00PM, JacoB	Alvarez
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:11	04/21/23 17:45	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-05	Client Sampl	e Name:	B-3 @ 0'-1' -	B-3 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1			
a,a,a-Trifluorotoluene	(FID Surrogate)	95.0	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1			

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/26/23 17:03	SEM	GC-V8	0.996	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

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Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-05	Client Sampl	e Name:	B-3 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		190	mg/kg	200	44	EPA-8015B/FFP	ND	J,A10,A52	1		
TPH - Motor Oil		1500	mg/kg	400	140	EPA-8015B/FFP	ND	A10,A57	1		
Tetracosane (Surrogat	e)	0	%	40 - 130 (LC	L - UCL)	EPA-8015B/FFP		A17	1		

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 13:30	BUP	GC-2	20	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-05	Client Sampl	e Name:	B-3 @ 0'-1' -	Silty SAND w	/ Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.2	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		5.4	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		33	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.091	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.61	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		15	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		2.6	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		18	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		26	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.096	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		1.9	mg/kg	2.5	0.050	EPA-6010B	0.059	J	1
Nickel		12	mg/kg	0.50	0.15	EPA-6010B	0.31		1
Selenium		2.6	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.49	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
/anadium		16	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		100	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:32	JCC	PE-OP3	0.990	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:46	TMT	CETAC3	0.962	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-06	Client Sampl	B-3 @ 1'-2' -	B-3 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
PCB-1016		ND	mg/kg	0.050	0.012	EPA-8082	ND	A10	1		
PCB-1221		ND	mg/kg	0.050	0.016	EPA-8082	ND	A10	1		
PCB-1232		ND	mg/kg	0.050	0.013	EPA-8082	ND	A10	1		
PCB-1242		ND	mg/kg	0.050	0.0075	EPA-8082	ND	A10	1		
PCB-1248		ND	mg/kg	0.050	0.010	EPA-8082	ND	A10	1		
PCB-1254		ND	mg/kg	0.050	0.0080	EPA-8082	ND	A10	1		
PCB-1260		ND	mg/kg	0.050	0.0090	EPA-8082	ND	A10	1		
Total PCB's (Summation	on)	ND	mg/kg	0.050	0.025	EPA-8082	ND	A10	1		
Decachlorobiphenyl (S	Surrogate)	50.0	%	40 - 120 (LC	L - UCL)	EPA-8082			1		

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8082	04/27/23 13:00	05/02/23 13:22	HKS	GC-14	4.967	B165311	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1							
BCL Sample ID:	2307961-06	Client Sampl	e Name:	B-3 @ 1'-2' -	Silty SAND w/	Gravel (SM), 4/17/20			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
1-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Ethylbenzene ND mg/kg 0.0050 0.0069 EPA-8260B ND 1 Hexachlorobutadiene ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 Isopropylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 p-Isopropylbenzene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 Nphthalene ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B <th>BCL Sample ID: 2307961-06</th> <th>Client Samp</th> <th>le Name:</th> <th>B-3 @ 1'-2' -</th> <th>Silty SAND w/</th> <th>Gravel (SM), 4/17/20</th> <th>023 3:00:00PM, J</th> <th>lacoB Alvarez</th> <th></th>	BCL Sample ID: 2307961-06	Client Samp	le Name:	B-3 @ 1'-2' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	lacoB Alvarez	
cis-1,3-Dichloropropene ND mg/kg 0.0050 0.00058 EPA-8260B ND 1 trans-1,3-Dichloropropene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Ethylbenzene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1 Hexachlorobutadiene ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 Isopropylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 p-Isopropyltoluene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Methyl t-butyl ether ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00071 <t< th=""><th>Constituent</th><th>Regult</th><th>Unite</th><th>PQL</th><th>MDL</th><th>Method</th><th></th><th></th><th>DCN</th></t<>	Constituent	Regult	Unite	PQL	MDL	Method			DCN
Ethylbenzene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1 Hexachlorobutadiene ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 Isopropylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 p-Isopropylbenzene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B<								Quais	
Hexachlorobutadiene ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Isopropylbenzene	Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
p-Isopropyltoluene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methyl t-butyl ether ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 <		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methyl t-butyl ether ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
Methyl t-butyl ether ND mg/kg 0.0050 0.00056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.0062 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Styrene ND mg/kg 0.0050 0.0062 EPA-8260B ND 1 1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.0095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane ND mg/kg 0.0050 0.0084 EPA-8260B ND 1 Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
Tetrachloroethene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Toluene ND mg/kg 0.0050 0.0069 EPA-8260B ND 1	1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
Toluene ND mg/kg 0.0050 0.00069 EPA-8260B ND 1	1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
	Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
1,2,3-Trichlorobenzene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1	Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
• • • • • • • • • • • • • • • • • • • •	1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1	1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane ND mg/kg 0.0050 0.00094 EPA-8260B ND 1	1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene ND mg/kg 0.0050 0.00074 EPA-8260B ND 1	Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1	Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1	1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1	1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1	1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1	Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1	Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1	p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1	o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate) 91.2 % 70 - 121 (LCL - UCL) EPA-8260B	1,2-Dichloroethane-d4 (Surrogate)	91.2	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate) 97.8 % 81 - 117 (LCL - UCL) EPA-8260B 1	Toluene-d8 (Surrogate)	97.8	%	81 - 117 (LCI	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate) 99.8 % 74 - 121 (LCL - UCL) EPA-8260B	4-Bromofluorobenzene (Surrogate)	99.8	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 51 of 192



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID	: 2307961-06	Client Sample Name: B-3 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						Alvarez
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:11	04/21/23 18:07	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 52 of 192



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-06	Client Sampl	lient Sample Name: B-3 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	95.0	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/26/23 23:56	SEM	GC-V8	0.998	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-06	Client Sampl	ent Sample Name: B-3 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel (FFP)		200	mg/kg	100	22	EPA-8015B/FFP	ND	A10,A52	1
TPH - Motor Oil		1700	mg/kg	200	70	EPA-8015B/FFP	ND	A10,A57	1
Tetracosane (Surrogat	e)	107	%	40 - 130 (LC	CL - UCL)	EPA-8015B/FFP			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 13:53	BUP	GC-2	9.967	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-06	Client Sampl	e Name:	B-3 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM, J	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.7	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		5.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		38	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.086	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.62	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		14	mg/kg	0.50	0.050	EPA-6010B	0.36		1
Cobalt		2.7	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		28	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		27	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum		3.0	mg/kg	2.5	0.050	EPA-6010B	0.055		1
Nickel		12	mg/kg	0.50	0.15	EPA-6010B	0.29		1
Selenium		1.8	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.78	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		15	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		93	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:33	JCC	PE-OP3	0.926	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:48	TMT	CETAC3	0.962	B165112	EPA 7471A

DCN = Data Continuation Number

Page 55 of 192 Report ID: 1001423595



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-07	Client Sample Name:		B-4 @ 0'-1' -	B-4 @ 0'-1' - Silty SAND (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		0.014	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summation	on)	0.014	mg/kg	0.010	0.0050	EPA-8082	ND		1			
Decachlorobiphenyl (St	urrogate)	41.7	%	40 - 120 (LC	L - UCL)	EPA-8082			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8082	04/27/23 13:00	05/02/23 14:55	HKS	GC-14	1.010	B165311	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

				B-4 @ 0'-1' - Silty SAND (SM), 4/17/2023 3:00:00PM, JacoB Alvarez								
BCL Sample ID:	2307961-07	Client Sampl	B-4 @ 0'-1' -	rez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
Benzene		0.0020	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1			
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1			
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1			
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1			
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1			
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1			
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1			
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1			
ert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1			
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1			
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1			
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1			
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1			
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1			
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1			
-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1			
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1			
,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1			
,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1			
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1			
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1			
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1			
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1			
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1			
,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1			
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1			
,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1			
sis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1			
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1			
,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1			
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-07	Client Sample	e Name:	B-4 @ 0'-1' -	Silty SAND (S	M), 4/17/2023 3:00	00PM, JacoB Alva	rez	
Constituent		Result	Units	PQL	MDL	Method	MB	Lab	DON
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	Bias ND	Quals	<u>DCN</u> 1
trans-1,3-Dichloroproper	ne	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		 1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethan	e	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethan	e	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		0.0024	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-triflu	uoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (S	Surrogate)	91.5	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		98.2	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.0	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-07	Client San	nple Name:	B-4 @ 0'-1' - Silty	SAND (SM), 4/17/202	23 3:00:00PM,	JacoB Alvarez	
DCN	Method	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID		
1	EPA-8260B	04/20/23 21:11	04/21/23 18:28	EAB	MS-V17	1	B164601	EPA 5030 Soil MS

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-07	Client Sampl	e Name:	B-4 @ 0'-1' -	Silty SAND (SM), 4/17/2023 3:00:	00PM, JacoB Alva	rez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	102	%	70 - 130 (LC	L - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/27/23 11:10	SEM	GC-V8	0.990	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 60 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-07	Client Sampl	e Name:	B-4 @ 0'-1' -	- Silty SAND (M), 4/17/2023 3:00:00PM, JacoB Alvarez			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel (FFP)		18	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil		120	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogat	e)	60.8	%	40 - 130 (LC	CL - UCL)	EPA-8015B/FFP			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 11:35	BUP	GC-2	0.987	B165278	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-07	Client Sampl	e Name:	B-4 @ 0'-1' -	Silty SAND (SM), 4/17/2023 3:00:	B-4 @ 0'-1' - Silty SAND (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN					
Antimony		0.90	mg/kg	5.0	0.33	EPA-6010B	ND	J	1					
Arsenic		3.0	mg/kg	1.0	0.40	EPA-6010B	ND		1					
Barium		37	mg/kg	0.50	0.18	EPA-6010B	ND		1					
Beryllium		0.15	mg/kg	0.50	0.047	EPA-6010B	ND	J	1					
Cadmium		0.42	mg/kg	0.50	0.052	EPA-6010B	ND	J	1					
Chromium		17	mg/kg	0.50	0.050	EPA-6010B	0.36		1					
Cobalt		2.2	mg/kg	2.5	0.098	EPA-6010B	ND	J	1					
Copper		5.2	mg/kg	1.0	0.050	EPA-6010B	ND		1					
Lead		8.0	mg/kg	2.5	0.41	EPA-6010B	ND		1					
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		2					
Molybdenum		1.5	mg/kg	2.5	0.050	EPA-6010B	0.056	J	1					
Nickel		11	mg/kg	0.50	0.15	EPA-6010B	0.29		1					
Selenium		3.0	mg/kg	1.0	0.98	EPA-6010B	ND		1					
Silver		0.41	mg/kg	0.50	0.067	EPA-6010B	ND	J	1					
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1					
Vanadium		14	mg/kg	0.50	0.11	EPA-6010B	ND		1					
Zinc		32	mg/kg	2.5	0.087	EPA-6010B	ND		1					

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:35	JCC	PE-OP3	0.935	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:50	TMT	CETAC3	1.008	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-08	Client Sampl	e Name:	B-4 @ 1'-2' -	B-4 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1			
Decachlorobiphenyl (S	Surrogate)	30.0	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8082	04/27/23 13:00	05/02/23 15:06	HKS	GC-14	1.007	B165311	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1									
BCL Sample ID:	2307961-08	Client Sampl	e Name:	B-4 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1		
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1		
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1		
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1		
ert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1		
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1		
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1		
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1		
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1		
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1		
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1		
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1		
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1		
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-08	Client Sampl	e Name:	B-4 @ 1'-2' -	B-4 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Deculé	11:2!45	PQL	MDL	Mathe	MB	Lab	BON		
Constituent cis-1,3-Dichloropropene		Result ND	Units mg/kg	0.0050	0.00058	Method EPA-8260B	Bias ND	Quals	<u>DCN</u> 1		
trans-1,3-Dichloropropene	<u> </u>	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>'</u> 1		
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1		
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		<u>'</u> 1		
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		<u>'</u> 1		
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		<u>.</u> 1		
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		<u>·</u> 1		
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		<u>·</u> 1		
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		<u>·</u> 1		
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		<u>·</u> 1		
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1		
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1		
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1		
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1		
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1		
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1		
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1		
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1		
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1		
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1		
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1		
1,1,2-Trichloro-1,2,2-trifluo	proethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1		
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1		
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1		
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1		
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1		
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1		
1,2-Dichloroethane-d4 (Su	ırrogate)	92.1	%	70 - 121 (LC	L - UCL)	EPA-8260B			1		
Toluene-d8 (Surrogate)		98.7	%	81 - 117 (LC	L - UCL)	EPA-8260B			1		
4-Bromofluorobenzene (S	urrogate)	101	%	74 - 121 (LC	L - UCL)	EPA-8260B			1		

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-08	Client San	nple Name:	B-4 @ 1'-2' - Silty	SAND w/ Gravel (SM	1), 4/17/2023 3:	00:00PM, JacoB	Alvarez	
DCN	Method	Prep Date	Run Date/Time	QC e Analyst Instrument Dilution Batch ID					
1	EPA-8260B	04/20/23 21:11	04/21/23 18:50) EAB	MS-V17	1	B164601	EPA 5030 Soil MS	

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-08	Client Sampl	e Name:	B-4 @ 1'-2' -	- Silty SAND w	// Gravel (SM), 4/17/20	023 3:00:00PM, J	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	107	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/27/23 11:35	SEM	GC-V8	1.010	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 67 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-08	Client Sampl	e Name:	B-4 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		13	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1		
TPH - Motor Oil		100	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1		
Tetracosane (Surrogat	e)	56.2	%	40 - 130 (LCL	UCL)	EPA-8015B/FFP			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 14:16	BUP	GC-2	0.997	B165278	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-08	Client Sampl	e Name:	B-4 @ 1'-2' -	Silty SAND w	// Gravel (SM), 4/17/20	023 3:00:00PM, c	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		0.61	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		3.4	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		42	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.17	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.45	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium		19	mg/kg	0.50	0.050	EPA-6010B	0.36		1
Cobalt		2.4	mg/kg	2.5	0.098	EPA-6010B	ND	J	1
Copper		4.1	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		5.3	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum		1.6	mg/kg	2.5	0.050	EPA-6010B	0.056	J	1
Nickel		12	mg/kg	0.50	0.15	EPA-6010B	0.29		1
Selenium		2.1	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.46	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		15	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		18	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:36	JCC	PE-OP3	0.943	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:52	TMT	CETAC3	1.008	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-09	Client Sampl	e Name:	B-5 @ 0'-1' -	Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM, c	lacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1
Total PCB's (Summati	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (S	Surrogate)	35.0	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 15:18	HKS	GC-14	0.987	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-09	Client Samul	o Namo:	B-5 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez					
BCL Sample ID:	2307901-09	Client Sampl	e Name:			0.0.0. (0), 120	MB	Lab	
Constituent		Result	Units	PQL	MDL	Method	Bias	Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
ert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloroprop	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		 1

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16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-09	Client Sampl	e Name:	B-5 @ 0'-1' -	B-5 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez					
Constituent		Dec.:/f	l lmite	PQL	MDL	Mothed	MB	Lab	DOM	
Constituent cis-1,3-Dichloropropene		Result ND	Units mg/kg	0.0050	0.00058	Method EPA-8260B	Bias ND	Quals	<u>DCN</u> 1	
trans-1,3-Dichloropropen	e	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>.</u> 1	
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1	
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		<u>·</u> 1	
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1	
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1	
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1	
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1	
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1	
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1	
1,1,1,2-Tetrachloroethane)	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1	
1,1,2,2-Tetrachloroethane)	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1	
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1	
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1	
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1	
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1	
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1	
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1	
1,1,2-Trichloro-1,2,2-triflu	oroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1	
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1	
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1	
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1	
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1	
1,2-Dichloroethane-d4 (S	urrogate)	92.5	%	70 - 121 (LC	L - UCL)	EPA-8260B			1	
Toluene-d8 (Surrogate)		99.1	%	81 - 117 (LC	L - UCL)	EPA-8260B			1	
4-Bromofluorobenzene (S	Surrogate)	100	%	74 - 121 (LC	L - UCL)	EPA-8260B			1	

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-09	Client Sar	Client Sample Name: B-5 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID		
1	EPA-8260B	04/20/23 21:11	04/21/23 19:12	2 EAB	MS-V17	1	B164601	EPA 5030 Soil MS	

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-09	Client Sampl	e Name:	B-5 @ 0'-1' -	- Silty SAND w	JacoB Alvarez			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	108	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/27/23 14:02	SEM	GC-V8	0.994	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-09	Client Sampl	e Name:	B-5 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		15	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1		
TPH - Motor Oil		170	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1		
Tetracosane (Surrogat	e)	78.1	%	40 - 130 (LCL	UCL)	EPA-8015B/FFP			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 14:39	BUP	GC-2	1.017	B165278	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-09	Client Sampl	e Name:	B-5 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Antimony		1.4	mg/kg	5.0	0.33	EPA-6010B	ND	J	1		
Arsenic		4.1	mg/kg	1.0	0.40	EPA-6010B	ND		1		
Barium		45	mg/kg	0.50	0.18	EPA-6010B	ND		1		
Beryllium		0.17	mg/kg	0.50	0.047	EPA-6010B	ND	J	1		
Cadmium		0.37	mg/kg	0.50	0.052	EPA-6010B	ND	J	1		
Chromium		23	mg/kg	0.50	0.050	EPA-6010B	0.38		1		
Cobalt		2.4	mg/kg	2.5	0.098	EPA-6010B	ND	J	1		
Copper		6.1	mg/kg	1.0	0.050	EPA-6010B	ND		1		
Lead		16	mg/kg	2.5	0.41	EPA-6010B	ND		1		
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		2		
Molybdenum		2.0	mg/kg	2.5	0.050	EPA-6010B	0.058	J	1		
Nickel		12	mg/kg	0.50	0.15	EPA-6010B	0.30		1		
Selenium		2.0	mg/kg	1.0	0.98	EPA-6010B	ND		1		
Silver		0.56	mg/kg	0.50	0.067	EPA-6010B	ND		1		
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1		
Vanadium		16	mg/kg	0.50	0.11	EPA-6010B	ND		1		
Zinc		73	mg/kg	2.5	0.087	EPA-6010B	ND		1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:38	JCC	PE-OP3	0.980	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:54	TMT	CETAC3	1.025	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-10	Client Sampl	Client Sample Name:		B-5 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summation	۱)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1			
Decachlorobiphenyl (Su	rrogate)	41.7	%	40 - 120 (LC	L - UCL)	EPA-8082			1			

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 15:29	HKS	GC-14	0.993	B165311	EPA 3550B		

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1		B-5 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
BCL Sample ID:	2307961-10	Client Sampl	e Name:	B-5 @ 1'-2' -	Silty SAND w/	Gravel (SM), 4/17/20					
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1		
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1		
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1		
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1		
ert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1		
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1		
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1		
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1		
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1		
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1		
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1		
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1		
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1		
,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 78 of 192



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

			e Name:		, U	Gravel (SM), 4/17/20			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab	DCN
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND ND	Quals	1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoro	ethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surro	ogate)	93.3	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		97.8	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surr	ogate)	99.2	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-10	Client San	Client Sample Name: B-5 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID		
1	EPA-8260B	04/20/23 21:29	04/21/23 19:33	B EAB	MS-V17	1	B164601	EPA 5030 Soil MS	

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-10	Client Sampl	e Name:	B-5 @ 1'-2' -	B-5 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1			
a,a,a-Trifluorotoluene	(FID Surrogate)	105	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/27/23 14:26	SEM	GC-V8	1.012	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-10	Client Sampl	e Name:	B-5 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
TPH - Diesel (FFP)		10	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1			
TPH - Motor Oil		110	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1			
Tetracosane (Surrogate	e)	61.3	%	40 - 130 (LC	CL - UCL)	EPA-8015B/FFP			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 15:02	BUP	GC-2	0.990	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-10	Client Sampl	e Name:	B-5 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.5	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		4.1	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		46	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.15	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.49	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium		22	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		3.1	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		9.1	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		21	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.078	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		2.0	mg/kg	2.5	0.050	EPA-6010B	0.058	J	1
Nickel		13	mg/kg	0.50	0.15	EPA-6010B	0.30		1
Selenium		1.8	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.62	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		18	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		150	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:39	JCC	PE-OP3	0.980	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:56	TMT	CETAC3	0.962	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-11	Client Sampl	e Name:	B-6 @ 0'-1'	B-6 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.050	0.012	EPA-8082	ND	A10	1			
PCB-1221		ND	mg/kg	0.050	0.016	EPA-8082	ND	A10	1			
PCB-1232		ND	mg/kg	0.050	0.013	EPA-8082	ND	A10	1			
PCB-1242		ND	mg/kg	0.050	0.0075	EPA-8082	ND	A10	1			
PCB-1248		ND	mg/kg	0.050	0.010	EPA-8082	ND	A10	1			
PCB-1254		ND	mg/kg	0.050	0.0080	EPA-8082	ND	A10	1			
PCB-1260		ND	mg/kg	0.050	0.0090	EPA-8082	ND	A10	1			
Total PCB's (Summation	on)	ND	mg/kg	0.050	0.025	EPA-8082	ND	A10	1			
Decachlorobiphenyl (S	Surrogate)	41.7	%	40 - 120 (LC	L - UCL)	EPA-8082			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8082	04/27/23 13:00	05/02/23 15:40	HKS	GC-14	5.017	B165311	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Constituent	BCL Sample ID:	2307961-11	Client Sample	e Name:	B-6 @ 0'-1'	- Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM,	JacoB Alvarez	
Benzone 0.0024 mg/kg 0.0050 0.00067 EPA-8260B ND J Bromobenzene ND mg/kg 0.0050 0.00087 EPA-8260B ND Bromochlorromethane ND mg/kg 0.0050 0.00078 EPA-8260B ND Bromodichromethane ND mg/kg 0.0050 0.00078 EPA-8260B ND Bromodichromethane ND mg/kg 0.0050 0.00071 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050<	Constituent		Result	Units	PQL	MDL	Method			DCN
Bromochloromethane ND mg/kg 0.0050 0.0081 EPA-8260B ND Bromodichloromethane ND mg/kg 0.0050 0.00078 EPA-8260B ND Bromodichloromethane ND mg/kg 0.0050 0.00070 EPA-8260B ND Bromomethane ND mg/kg 0.0050 0.00071 EPA-8260B ND Bromomethane ND mg/kg 0.0050 0.00071 EPA-8260B ND Bromomethane ND mg/kg 0.0050 0.00076 EPA-8260B ND Bromomethane ND mg/kg 0.0050 0.00076 EPA-8260B ND Carbon tetrachloride ND mg/kg 0.0050 0.00078 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.00077	Benzene		0.0024	mg/kg	0.0050	0.00067	EPA-8260B			1
Bromodichloromethane ND mg/kg 0.0050 0.0078 EPA-82608 ND Bromoform ND mg/kg 0.0050 0.0070 EPA-82608 ND Bromomethane ND mg/kg 0.0050 0.00071 EPA-82608 ND n-Burlybenzene ND mg/kg 0.0050 0.00071 EPA-82608 ND sec-Burlybenzene ND mg/kg 0.0050 0.00071 EPA-82608 ND Carbon tetrachloride ND mg/kg 0.0050 0.00085 EPA-82608 ND Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-82608 ND Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-82608 ND Chlorofolma ND mg/kg 0.0050 0.00077 EPA-82608 ND Chlorofoluene ND mg/kg 0.0050 0.00078 EPA-82608 ND Chlorofoluene ND mg/kg 0.0050 0.00078	Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromoform ND mg/kg 0.0050 0.0070 EPA-8260B ND Bromomethane ND mg/kg 0.0050 0.0017 EPA-8260B ND n-Butylbenzene ND mg/kg 0.0050 0.0076 EPA-8260B ND sec-Butylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND tert-Butylbenzene ND mg/kg 0.0050 0.00078 EPA-8260B ND Carbon letrachloride ND mg/kg 0.0050 0.00078 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.00078 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.00078 EPA-8260B ND Chlorofolma ND mg/kg 0.0050 0.00078 EPA-8260B ND Chlorofoluene ND mg/kg 0.0050 0.00078 EPA-8260B ND Dibromochloromethane ND mg/kg 0.0050 0.00070 <	Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromomethane ND mg/kg 0.0050 0.0017 EPA-8260B ND	Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
n-Butylbenzene ND mg/kg 0.0050 0.00076 EPA-8260B ND mg/kg 0.0050 0.00071 EPA-8260B ND mg/kg 0.0050 0.00071 EPA-8260B ND mg/kg 0.0050 0.00071 EPA-8260B ND mg/kg 0.0050 0.00078 EPA-8260B ND mg/kg 0.0050 0.00078 EPA-8260B ND ENTER DEVELOPMENT OF THE DEVELOPMENT O	Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
sec-Butylbenzene ND mg/kg 0.0050 0.0071 EPA-8260B ND tert-Butylbenzene ND mg/kg 0.0050 0.0085 EPA-8260B ND Carbon tetrachloride ND mg/kg 0.0050 0.00078 EPA-8260B ND Chlorosbenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND Chlorostehane ND mg/kg 0.0050 0.0011 EPA-8260B ND Chlorostehane ND mg/kg 0.0050 0.00090 EPA-8260B ND Chlorostehane ND mg/kg 0.0050 0.00090 EPA-8260B ND Chlorostehane ND mg/kg 0.0050 0.00090 EPA-8260B ND Chlorostehane ND mg/kg 0.0050 0.00097 EPA-8260B ND Dibromochloromethane ND mg/kg 0.0050 0.00098 EPA-8260B ND 1,2-Dibromochlane ND mg/kg 0.0050 0.00098	Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
tert-Butylbenzene ND mg/kg 0.0050 0.0088 EPA-8260B ND Carbon tetrachloride ND mg/kg 0.0050 0.0078 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.0077 EPA-8260B ND Chlorotorm ND mg/kg 0.0050 0.0011 EPA-8260B ND Chlorotorm ND mg/kg 0.0050 0.0011 EPA-8260B ND Chlorotoluene ND mg/kg 0.0050 0.0011 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.0007 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 1,2-Dibromo-3-chloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 </td <td>n-Butylbenzene</td> <td></td> <td>ND</td> <td>mg/kg</td> <td>0.0050</td> <td>0.00076</td> <td>EPA-8260B</td> <td>ND</td> <td></td> <td>1</td>	n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
Carbon tetrachloride ND mg/kg 0.0050 0.00078 EPA-8260B ND Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND Chlorobethane ND mg/kg 0.0050 0.0011 EPA-8260B ND Chloroform ND mg/kg 0.0050 0.00090 EPA-8260B ND Chlorofoluene ND mg/kg 0.0050 0.0011 EPA-8260B ND 4-Chlorofoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 4-Chlorofoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 4-Chlorofoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 4-Chlorofoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00086 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.0014	sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND Chloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND Chloroform ND mg/kg 0.0050 0.00090 EPA-8260B ND Chlorotoluene ND mg/kg 0.0050 0.0011 EPA-8260B ND 2-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00096 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1,2-Dichloroebrazene ND mg/kg 0.0050 0.00073	tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Chloroethane	Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chloroform ND mg/kg 0.0050 0.0090 EPA-8260B ND Chloromethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 2-Chlorotoluene ND mg/kg 0.0050 0.00087 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromochloromethane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromochane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichlorobenzene ND mg/kg 0.0050	Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloromethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 2-Chlorotoluene ND mg/kg 0.0050 0.0087 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 1,2-Dibromocharomethane ND mg/kg 0.0050 0.00096 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00096 EPA-8260B ND Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00078 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichlorothane ND mg/kg 0.0050	Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene ND mg/kg 0.0050 0.00087 EPA-8260B ND 4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND Dibromochloromethane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromo-3-chloropropane ND mg/kg 0.0050 0.00096 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND Dibromomethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.	Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND Dibromochloromethane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromo-3-chloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND Dichlorodifluoromethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,2-Dichloroethane ND mg/kg	Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Dibromochloromethane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,2-Dibromo-3-chloropropane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethene ND mg/kg	2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane ND mg/kg 0.0050 0.00096 EPA-8260B ND 1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichlorodifluoromethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,2-Dichloroethene ND mg/kg	4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND Dichlorodifluoromethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.00	Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND cis-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg <t< td=""><td>1,2-Dibromo-3-chloropropa</td><td>ine</td><td>ND</td><td>mg/kg</td><td>0.0050</td><td>0.00096</td><td>EPA-8260B</td><td>ND</td><td></td><td>1</td></t<>	1,2-Dibromo-3-chloropropa	ine	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg	1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00054 EPA-8260B ND trans-1,2-Dichloroethane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg	Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND cis-1,2-Dichloroethane ND mg/kg 0.0050 0.00054 EPA-8260B ND trans-1,2-Dichloroethane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloroptopane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND cis-1,2-Dichloroethane ND mg/kg 0.0050 0.00054 EPA-8260B ND trans-1,2-Dichloroethane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.0080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.0080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2-Dichloropropane ND mg/kg 0.0050 0.0080 EPA-8260B ND 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
1,3-Dichloropropane ND mg/kg 0.0050 0.0067 EPA-8260B ND 2,2-Dichloropropane ND mg/kg 0.0050 0.0067 EPA-8260B ND	trans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND	1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
<u> </u>	1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
	2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1 Distributoporto	1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-11	Client Sample	e Name:	B-6 @ 0'-1'	- Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab	DCN
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	Quals	1
trans-1,3-Dichloropropen	 e	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane)	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	}	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		0.0031	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-triflu	oroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (S	urrogate)	91.9	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		98.6	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (S	Surrogate)	97.8	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-11	Client San	nple Name:	B-6 @ 0'-1' - Silty	lient Sample Name: B-6 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
DCN	Method	Prep Date	Run Date/Time	Analvst	Instrument						
1	EPA-8260B	04/20/23 21:29	04/21/23 19:55	. ,	MS-V17	Dilution 1	B164601	EPA 5030 Soil MS			

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-11	Client Sampl	e Name:	B-6 @ 0'-1'	B-6 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN				
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1				
a,a,a-Trifluorotoluene	(FID Surrogate)	82.5	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1				

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/27/23 15:46	SEM	GC-V8	1.008	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

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Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID: 2307961-11 Client Sample Name:					B-6 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		47	mg/kg	50	11	EPA-8015B/FFP	ND	J,A10,A52	1		
TPH - Motor Oil		740	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1		
Tetracosane (Surrogat	e)	65.2	%	40 - 130 (LC	CL - UCL)	EPA-8015B/FFP			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 18:03	BUP	GC-2	5.017	B165278	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-11	Client Sampl	e Name:	B-6 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Antimony		0.40	mg/kg	5.0	0.33	EPA-6010B	ND	J	1		
Arsenic		1.9	mg/kg	1.0	0.40	EPA-6010B	ND		1		
Barium		39	mg/kg	0.50	0.18	EPA-6010B	ND		1		
Beryllium		ND	mg/kg	0.50	0.047	EPA-6010B	ND		1		
Cadmium		0.77	mg/kg	0.50	0.052	EPA-6010B	ND		1		
Chromium		19	mg/kg	0.50	0.050	EPA-6010B	0.35		1		
Cobalt		8.5	mg/kg	2.5	0.098	EPA-6010B	ND		1		
Copper		120	mg/kg	1.0	0.050	EPA-6010B	ND		1		
Lead		23	mg/kg	2.5	0.41	EPA-6010B	ND		1		
Mercury		0.091	mg/kg	0.16	0.016	EPA-7471A	ND	J	2		
Molybdenum		4.3	mg/kg	2.5	0.050	EPA-6010B	0.054		1		
Nickel		17	mg/kg	0.50	0.15	EPA-6010B	0.28		1		
Selenium		ND	mg/kg	1.0	0.98	EPA-6010B	ND		1		
Silver		0.33	mg/kg	0.50	0.067	EPA-6010B	ND	J	1		
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1		
Vanadium		55	mg/kg	0.50	0.11	EPA-6010B	ND		1		
Zinc		94	mg/kg	2.5	0.087	EPA-6010B	ND		1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:41	JCC	PE-OP3	0.909	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 14:58	TMT	CETAC3	0.962	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-12	Client Sampl	Client Sample Name:		B-6 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1			
Decachlorobiphenyl (S	Surrogate)	35.0	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8082	04/27/23 13:00	05/02/23 15:52	HKS	GC-14	0.997	B165311	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-12	Client Sample	e Name:	B-6 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez					
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		0.0026	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-12	Client Sample	e Name:	B-6 @ 1'-2'	- Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM,	JacoB Alvarez	
Constituent		Docult	Units	PQL	MDL	Method	MB	Lab	DCN
cis-1,3-Dichloropropene		Result ND	mg/kg	0.0050	0.00058	EPA-8260B	Bias ND	Quals	<u>DCN</u> 1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1
Ethylbenzene		0.0012	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	<u>·</u> 1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		0.0036	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluor	oethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Sur	rogate)	94.0	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)		98.0	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Su	rrogate)	101	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-12	Client San	nple Name:	B-6 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
DCN	Method	Prep Date	Run Date/Time	Analyst	QC vst Instrument Dilution Batch ID					
1	EPA-8260B	04/20/23 21:29	04/21/23 20:16	B EAB	MS-V17	1	B164601	EPA 5030 Soil MS		

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-12	Client Sampl	e Name:	B-6 @ 1'-2'	B-6 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1			
a,a,a-Trifluorotoluene	(FID Surrogate)	75.0	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/27/23 16:09	SEM	GC-V8	0.994	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-12	Client Sampl	e Name:	B-6 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
TPH - Diesel (FFP)		42	mg/kg	50	11	EPA-8015B/FFP	ND	J,A10,A52	1			
TPH - Motor Oil		710	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1			
Tetracosane (Surrogat	re)	61.7	%	40 - 130 (LC	L - UCL)	EPA-8015B/FFP			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
 1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 18:26	BUP	GC-2	5.068	B165278	EPA 3550B

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-12	Client Sampl	e Name:	B-6 @ 1'-2'	- Silty SAND v	v/ Gravel (SM), 4/17/2	023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.9	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		2.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		42	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		ND	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium		0.71	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		16	mg/kg	0.50	0.050	EPA-6010B	0.37		1
Cobalt		9.9	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		62	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		17	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.21	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum		5.0	mg/kg	2.5	0.050	EPA-6010B	0.057		1
Nickel		49	mg/kg	0.50	0.15	EPA-6010B	0.29		1
Selenium		ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.44	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		63	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		95	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:46	JCC	PE-OP3	0.952	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:01	TMT	CETAC3	1.025	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-13	Client Sampl	e Name:	B-7 @ 0'-1' -	Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM, c	lacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (S	urrogate)	35.0	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 16:03	HKS	GC-14	0.997	B165311	EPA 3550B		

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-13	Client Sample	e Name:	B-7 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND ND	Quais	1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropro	pane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene)	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Constituent			e Name:			ID w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez			
		Pocult	Units	PQL	MDL	Method	MB	Lab	DON
cis-1,3-Dichloropropene		Result ND	mg/kg	0.0050	0.00058	EPA-8260B	Bias ND	Quals	DCN 1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		 1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoro	ethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surr	ogate)	92.8	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		98.8	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Sur	rogate)	101	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 100 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-13	Client San	lient Sample Name: B-7 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez					
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:29	04/21/23 20:38	B EAB	MS-V17	1	B164601	EPA 5030 Soil MS

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-13	Client Sampl	Client Sample Name: B-7 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	95.0	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:49	04/27/23 16:35	SEM	GC-V8	1.008	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-13	Client Sampl	Sample Name: B-7 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		19	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1		
TPH - Motor Oil		160	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1		
Tetracosane (Surrogat	e)	56.1	%	40 - 130 (LCL	UCL)	EPA-8015B/FFP			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 18:48	BUP	GC-2	0.997	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-13	Client Sampl	e Name:	B-7 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Antimony		2.8	mg/kg	5.0	0.33	EPA-6010B	ND	J	1		
Arsenic		3.6	mg/kg	1.0	0.40	EPA-6010B	ND		1		
Barium		41	mg/kg	0.50	0.18	EPA-6010B	ND		1		
Beryllium		ND	mg/kg	0.50	0.047	EPA-6010B	ND		1		
Cadmium		0.47	mg/kg	0.50	0.052	EPA-6010B	ND	J	1		
Chromium		27	mg/kg	0.50	0.050	EPA-6010B	0.38		1		
Cobalt		14	mg/kg	2.5	0.098	EPA-6010B	ND		1		
Copper		42	mg/kg	1.0	0.050	EPA-6010B	ND		1		
Lead		3.5	mg/kg	2.5	0.41	EPA-6010B	ND		1		
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		2		
Molybdenum		5.4	mg/kg	2.5	0.050	EPA-6010B	0.059		1		
Nickel		19	mg/kg	0.50	0.15	EPA-6010B	0.31		1		
Selenium		1.0	mg/kg	1.0	0.98	EPA-6010B	ND		1		
Silver		0.47	mg/kg	0.50	0.067	EPA-6010B	ND	J	1		
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1		
Vanadium		88	mg/kg	0.50	0.11	EPA-6010B	ND		1		
Zinc		56	mg/kg	2.5	0.087	EPA-6010B	ND		1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:47	JCC	PE-OP3	1	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:07	TMT	CETAC3	0.962	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-14	Client Sampl	e Name:	B-7 @ 1'-2' -	B-7 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1			
Decachlorobiphenyl (S	Surrogate)	48.3	%	40 - 120 (LC	L - UCL)	EPA-8082			1			

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 16:14	HKS	GC-14	1.010	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-14	Client Sampl	e Name:	B-7 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1	
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1	
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1	
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1	
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1	
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1	
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1	
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1	
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1	
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1	
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1	
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1	
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1	
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1	
1-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1	
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
1,2-Dibromo-3-chloropropa	ine	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1	
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1	
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1	
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1	
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1	
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1	
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1	
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1	
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1	
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1	
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1	
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1	
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	

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Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

			e Name:	•	Silty SAND w/	(- //	,		
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab	DCN
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	Quals	1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoro	ethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surro	ogate)	93.5	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		99.1	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surr	ogate)	100	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-14	Client San	nple Name:	B-7 @ 1'-2' - Silty	00:00PM, JacoB	Alvarez		
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:29	04/21/23 20:59	EAB	MS-V17	1	B164601	EPA 5030 Soil MS

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-14	Client Sampl	e Name:	B-7 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1		
a,a,a-Trifluorotoluene	(FID Surrogate)	95.0	%	70 - 130 (LC	L - UCL)	EPA-8015B			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/27/23 08:49	04/28/23 11:32	SEM	GC-V8	0.990	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-14	Client Sampl	e Name:	ne: B-7 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
TPH - Diesel (FFP)		26	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1			
TPH - Motor Oil		270	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1			
Tetracosane (Surrogat	e)	54.1	%	40 - 130 (LCI	L - UCL)	EPA-8015B/FFP			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 19:11	BUP	GC-2	0.993	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-14	Client Sampl	e Name:	B-7 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/20	023 3:00:00PM, J	lacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.9	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		4.1	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		41	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		ND	mg/kg	0.50	0.047	EPA-6010B	ND		1
Cadmium		0.52	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		25	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		12	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		42	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		4.1	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.075	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		5.2	mg/kg	2.5	0.050	EPA-6010B	0.059		1
Nickel		17	mg/kg	0.50	0.15	EPA-6010B	0.31		1
Selenium		2.1	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.76	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		80	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		72	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:49	JCC	PE-OP3	1	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:09	TMT	CETAC3	1.008	B165112	EPA 7471A

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-15	Client Sampl	e Name:	B-8 @ 0'-1' -	Silty SAND w	/ Gravel (SM), 4/17/2	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.050	0.012	EPA-8082	ND	A10	1
PCB-1221		ND	mg/kg	0.050	0.016	EPA-8082	ND	A10	1
PCB-1232		ND	mg/kg	0.050	0.013	EPA-8082	ND	A10	1
PCB-1242		ND	mg/kg	0.050	0.0075	EPA-8082	ND	A10	1
PCB-1248		ND	mg/kg	0.050	0.010	EPA-8082	ND	A10	1
PCB-1254		ND	mg/kg	0.050	0.0080	EPA-8082	ND	A10	1
PCB-1260		ND	mg/kg	0.050	0.0090	EPA-8082	ND	A10	1
Total PCB's (Summation	on)	ND	mg/kg	0.050	0.025	EPA-8082	ND	A10	1
Decachlorobiphenyl (S	urrogate)	41.7	%	40 - 120 (LC	L - UCL)	EPA-8082			1

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 16:26	HKS	GC-14	5.051	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-15	Client Sample	e Name:	B-8 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Quais	1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropro	ppane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	,	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	e	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 113 of 192



16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-15	Client Sampl	e Name:	B-8 @ 0'-1' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	lacoB Alvarez	
Constituent		Posult	Units	PQL	MDL	Method	MB	Lab	DCN
cis-1,3-Dichloropropene		Result ND	mg/kg	0.0050	0.00058	EPA-8260B	Bias ND	Quals	<u>DCN</u> 1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		 1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		0.0011	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluc	roethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Su	rrogate)	95.0	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)		99.6	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (S	urrogate)	96.9	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 114 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-15	Client Sar	nple Name:	B-8 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez						
DCN	Run QC DCN Method Prep Date Date/Time Analyst Instrument Dilution Batch ID									
1	EPA-8260B	04/20/23 21:29	04/21/23 21:21	I EAB	MS-V17	1	B164625	EPA 5030 Soil MS		

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-15	Client Sampl	Sample Name: B-8 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1		
a,a,a-Trifluorotoluene	(FID Surrogate)	95.0	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1		

	Run					QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8015B	04/27/23 08:49	04/28/23 12:15	SEM	GC-V8	0.994	B164901	EPA 5030 Soil GC		

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-15	Client Sampl	e Name:	B-8 @ 0'-1' -	JacoB Alvarez				
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel (FFP)		58	mg/kg	50	11	EPA-8015B/FFP	ND	A10,A52	1
TPH - Motor Oil		410	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1
Tetracosane (Surrogat	e)	68.4	%	40 - 130 (LC	CL - UCL)	EPA-8015B/FFP			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 19:33	BUP	GC-2	4.918	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-15	Client Sampl	e Name:	B-8 @ 0'-1' -	Silty SAND w	/ Gravel (SM), 4/17/20	023 3:00:00PM, J	lacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		ND	mg/kg	5.0	0.33	EPA-6010B	ND	Quais	1
Arsenic		2.6	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		34	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.051	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.38	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium		9.0	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		1.6	mg/kg	2.5	0.098	EPA-6010B	ND	J	1
Copper		7.3	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		9.2	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.092	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		0.87	mg/kg	2.5	0.050	EPA-6010B	0.059	J	1
Nickel		7.5	mg/kg	0.50	0.15	EPA-6010B	0.31		1
Selenium		ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		0.84	mg/kg	5.0	0.64	EPA-6010B	ND	J	1
Vanadium		13	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		21	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:50	JCC	PE-OP3	1	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:11	TMT	CETAC3	0.992	B165112	EPA 7471A

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-16	Client Sampl	e Name:	B-8 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM, c	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (S	Surrogate)	38.3	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1

			Run		_	QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 16:37	HKS	GC-14	0.997	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Bromochizene	BCL Sample ID:	2307961-16	Client Sampl	e Name:	B-8 @ 1'-2' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Bersene ND mg/kg 0.0050 0.00067 EPA-82608 ND 1	Constituent		Result	Units	PQL	MDL	Method			DCN
Bromochloromethane	Benzene				0.0050	0.00067				
Remodicitioromethane	Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromoform ND mg/kg 0.0050 0.00070 EPA-8260B ND	Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Rimmenthane	Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
n-Bulybenzene ND mg/kg 0.0050 0.00076 EPA-82608 ND 1 sec-Bulybenzene ND mg/kg 0.0050 0.00071 EPA-82608 ND 1 tert-Bulybenzene ND mg/kg 0.0050 0.00071 EPA-82608 ND 1 tert-Bulybenzene ND mg/kg 0.0050 0.00078 EPA-82608 ND 1 Carbon tetrachioride ND mg/kg 0.0050 0.00078 EPA-82608 ND 1 Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-82608 ND 1 Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-82608 ND 1 Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-82608 ND 1 Chlorobenzene ND mg/kg 0.0050 0.00078 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00078 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00078 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00078 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00078 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00080 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00080 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00080 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00080 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00080 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND mg/kg 0.0050 0.00079 EPA-82608 ND 1 1 Chlorobenzene ND	Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Sec-Butylbenzene ND	Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
tert-Butylbenzene ND mg/kg 0.0050 0.0085 EPA-8260B ND 1 Carbon tetrachloride ND mg/kg 0.0050 0.00078 EPA-8260B ND 1 Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND 1 Chlorobenzene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 Chloroform ND mg/kg 0.0050 0.0009 EPA-8260B ND 1 Chlorofoluene ND mg/kg 0.0050 0.0009 EPA-8260B ND 1 2-Chlorofoluene ND mg/kg 0.0050 0.0007 EPA-8260B ND 1 4-Chlorofoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 1 1-Dibromochloromethane ND mg/kg 0.0050 0.00070 EPA-8260B ND 1 1-2-Dibromochlane ND mg/kg 0.0050 0.00080 EPA-8260	n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
Carbon tetrachloride ND mg/kg 0.0050 0.0078 EPA-8260B ND 1 Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND 1 Chlorobenzene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 Chloroform ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 Chloroform ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 Chloroform ND mg/kg 0.0050 0.00087 EPA-8260B ND 1 2-Chlorofoluene ND mg/kg 0.0050 0.00087 EPA-8260B ND 1 4-Chlorofoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1-2-Chlorofoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1-2-Dibromos-3-chloropropane ND mg/kg 0.0050 0.00080 EPA-8260B </td <td>sec-Butylbenzene</td> <td></td> <td>ND</td> <td>mg/kg</td> <td>0.0050</td> <td>0.00071</td> <td>EPA-8260B</td> <td>ND</td> <td></td> <td>1</td>	sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Chlorobenzene ND mg/kg 0.0050 0.00077 EPA-8260B ND 1	tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Chloroethane	Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chloroform ND mg/kg 0.0050 0.0099 EPA-8260B ND 1 Chlorotelhane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 2-Chlorotoluene ND mg/kg 0.0050 0.00087 EPA-8260B ND 1 4-Chlorotoluene ND mg/kg 0.0050 0.00087 EPA-8260B ND 1 4-Chlorotoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 4-Chlorotoluene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1-2-Dibromoethane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,2-Dibromoethane ND mg/kg 0.0050 0.00042 EPA-8260B ND 1 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8	Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloromethane	Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene ND mg/kg 0.0050 0.00087 EPA-8260B ND 1 4-Chlorotoluene ND mg/kg 0.0050 0.00070 EPA-8260B ND 1 1.2-Dibromochloromethane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1.2-Dibromochloromethane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1.2-Dibromochloromethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1 1.2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1 1.2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1 1.2-Dibromoethane ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.2-Dibromoethane ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.3-Dichlorobenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.4-Dichlorobenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.4-Dichlorotenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.1-Dichlorotethane ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.2-Dichlorotethane ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.1-Dichlorotethane ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.1-Dichlorotethane ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 1.1-Dichlorotethene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1	Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
A-Chlorotoluene	Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Dibromochloromethane ND mg/kg 0.0050 0.0080 EPA-8260B ND 1 1,2-Dibromo-3-chloropropane ND mg/kg 0.0050 0.00096 EPA-8260B ND 1 1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1 Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 Dichlorodiffluoromethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050	2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane ND mg/kg 0.0050 0.00096 EPA-8260B ND 1 1,2-Dibromoethane ND mg/kg 0.0050 0.00082 EPA-8260B ND 1 Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,4-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethene ND mg/kg 0.0050 <	4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
1,2-Dibromoethane ND mg/kg 0.0050 0.0082 EPA-8260B ND 1 Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 Dichlorodifluoromethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethene ND mg/kg 0.0050 0.	Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
Dibromomethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 trans-1,2-Dichloroethene ND mg/kg 0.0050	1,2-Dibromo-3-chloropr	opane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dichlorobenzene ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 1,2-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 trans-1,2-Dichloroethene ND mg/kg 0.0050	1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
1,3-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050	Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND 1 trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.00087 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050	1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
Dichlorodifluoromethane ND mg/kg 0.0050 0.00079 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 cis-1,2-Dichloroethane ND mg/kg 0.0050 0.00054 EPA-8260B ND 1 trans-1,2-Dichloroethane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.0080 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050 0.0067 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050	1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethane ND mg/kg 0.0050 0.00064 EPA-8260B ND 1 1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethane ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 cis-1,2-Dichloroethane ND mg/kg 0.0050 0.0054 EPA-8260B ND 1 trans-1,2-Dichloroethane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,2-Dichloroethane ND mg/kg 0.0050 0.00073 EPA-8260B ND 1 1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND 1 trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	Dichlorodifluoromethan	e	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethene ND mg/kg 0.0050 0.0011 EPA-8260B ND 1 cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND 1 trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
cis-1,2-Dichloroethene ND mg/kg 0.0050 0.00054 EPA-8260B ND 1 trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
trans-1,2-Dichloroethene ND mg/kg 0.0050 0.0037 EPA-8260B ND 1 1,2-Dichloropropane ND mg/kg 0.0050 0.0080 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2-Dichloropropane ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
1,3-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	trans-1,2-Dichloroethen	е	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
2,2-Dichloropropane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
	1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
AA Dishlarana AA	2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene ND mg/kg 0.0050 0.00067 EPA-8260B ND 1	1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 120 of 192



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2	307961-16	Client Sample	e Name:	B-8 @ 1'-2' -	Silty SAND w/	w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	Quais	1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoro	oethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surr	rogate)	99.2	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		99.5	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Sur	rogate)	97.4	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 121 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-16	Client Sar	nple Name:	B-8 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez					
DCN Method Prep Da			Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID		
1	EPA-8260B	04/20/23 21:29	04/24/23 18:58	EAB	MS-V17	1	B164625	EPA 5030 Soil MS	

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-16	Client Sampl	e Name:	JacoB Alvarez					
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	97.5	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1

	Run					QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8015B	04/27/23 08:49	04/28/23 13:00	SEM	GC-V8	1.004	B164901	EPA 5030 Soil GC		

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-16	Client Sampl	e Name:	B-8 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		48	mg/kg	20	4.4	EPA-8015B/FFP	ND	A10,A52	1		
TPH - Motor Oil		280	mg/kg	40	14	EPA-8015B/FFP	ND	A10,A57	1		
Tetracosane (Surrogat	e)	38.8	%	40 - 130 (LC	L - UCL)	EPA-8015B/FFP		S09	1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 19:56	BUP	GC-2	2.020	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-16	Client Sampl	e Name:	B-8 @ 1'-2' -	2 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Antimony		1.6	mg/kg	5.0	0.33	EPA-6010B	ND	J	1		
Arsenic		5.1	mg/kg	1.0	0.40	EPA-6010B	ND		1		
Barium		40	mg/kg	0.50	0.18	EPA-6010B	ND		1		
Beryllium		0.073	mg/kg	0.50	0.047	EPA-6010B	ND	J	1		
Cadmium		0.91	mg/kg	0.50	0.052	EPA-6010B	ND		1		
Chromium		19	mg/kg	0.50	0.050	EPA-6010B	0.38		1		
Cobalt		4.4	mg/kg	2.5	0.098	EPA-6010B	ND		1		
Copper		19	mg/kg	1.0	0.050	EPA-6010B	ND		1		
Lead		20	mg/kg	2.5	0.41	EPA-6010B	ND		1		
Mercury		0.071	mg/kg	0.16	0.016	EPA-7471A	ND	J	2		
Molybdenum		3.1	mg/kg	2.5	0.050	EPA-6010B	0.058		1		
Nickel		15	mg/kg	0.50	0.15	EPA-6010B	0.30		1		
Selenium		1.8	mg/kg	1.0	0.98	EPA-6010B	ND		1		
Silver		0.58	mg/kg	0.50	0.067	EPA-6010B	ND		1		
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1		
Vanadium		31	mg/kg	0.50	0.11	EPA-6010B	ND		1		
Zinc		48	mg/kg	2.5	0.087	EPA-6010B	ND		1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:52	JCC	PE-OP3	0.980	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:13	TMT	CETAC3	1.008	B165112	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-17	Client Sample Name:		B-9 @ 0'-1' -	B-9 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summati	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1			
Decachlorobiphenyl (S	Surrogate)	35.0	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1			

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 17:23	HKS	GC-14	0.984	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1		B-9 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
BCL Sample ID:	2307961-17	Client Sampl	e Name:	B-9 @ 0'-1' -	Silty SAND w/						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1		
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1		
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1		
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1		
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1		
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1		
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1		
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1		
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1		
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1		
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1		
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1		
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1		
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 127 of 192



16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

	307961-17	Client Sample	e Name:	B-8 @ 01, -	SIRY SAND W	Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez				
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab	DCN	
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	Quals	1	
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1	
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1	
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1	
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1	
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1	
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1	
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1	
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1	
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1	
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1	
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1	
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1	
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1	
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1	
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1	
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1	
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1	
1,1,2-Trichloro-1,2,2-trifluor	oethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1	
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1	
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1	
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1	
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1	
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1	
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1	
1,2-Dichloroethane-d4 (Sur	rogate)	97.6	%	70 - 121 (LC	L - UCL)	EPA-8260B			1	
Toluene-d8 (Surrogate)		99.8	%	81 - 117 (LC	L - UCL)	EPA-8260B			1	
4-Bromofluorobenzene (Su	rrogate)	100	%	74 - 121 (LC	L - UCL)	EPA-8260B			1	

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	DIE ID: 2307961-17 Client Sample Name: B-9 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:29	04/24/23 19:20) EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-17	Client Sampl	e Name:	B-9 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1		
a,a,a-Trifluorotoluene	(FID Surrogate)	92.5	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/27/23 08:49	04/28/23 13:41	SEM	GC-V8	1.008	B164901	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-17	Client Sampl	e Name:	B-9 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
TPH - Diesel (FFP)		24	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1		
TPH - Motor Oil		190	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1		
Tetracosane (Surrogat	e)	74.3	%	40 - 130 (LC	L - UCL)	EPA-8015B/FFP			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 21:27	BUP	GC-2	1.010	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-17	Client Sampl	e Name:	B-9 @ 0'-1' -	Silty SAND w	/ Gravel (SM), 4/17/20	023 3:00:00PM, J	lacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.8	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		5.1	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		55	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.069	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.90	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		25	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		6.8	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		39	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		50	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.13	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		3.2	mg/kg	2.5	0.050	EPA-6010B	0.058		1
Nickel		17	mg/kg	0.50	0.15	EPA-6010B	0.30		1
Selenium		1.5	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.69	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		36	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		64	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:53	JCC	PE-OP3	0.980	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:15	TMT	CETAC3	0.962	B165112	EPA 7471A

DCN = Data Continuation Number

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Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-18	Client Sampl	e Name:	B-9 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/2	023 3:00:00PM, c	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (S	Surrogate)	28.3	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8082	04/27/23 13:00	05/02/23 17:34	HKS	GC-14	0.984	B165311	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-18	Client Sampl	e Name:	B-9 @ 1'-2' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	acoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Quuio	1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropro	pane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Hexachlorobutadlene	BCL Sample ID:	2307961-18	Client Sampl	e Name:	B-9 @ 1'-2' -	Silty SAND w/	Gravel (SM), 4/17/20	023 3:00:00PM, J	JacoB Alvarez	
March Marc	Constituent		Rosult	Unite	PQL	MDL	Method			DCN
Ethylbenzene		e							Quuis	
Hexachlorobutadiene	trans-1,3-Dichloroprop	ene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Septropylbenzene ND mg/kg 0.0050 0.0060 EPA-8260B ND 1	Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
ND mg/kg	Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Methylene chloride ND mg/kg 0.010 0.0011 EPA-8260B ND 1 Methyl r. butyl ether ND mg/kg 0.0050 0.0056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.00099 EPA-8260B ND 1 NPO propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1.1,12.2-Tetrachloroethane ND mg/kg 0.0050 0.00095 EPA-8260B ND 1 1.1,2.2-Tetrachloroethane ND mg/kg 0.0050 0.00096 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 1.1,2.3-Trichloroethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1.1,2.4-Trichloroethane ND mg/kg 0.0050 <td< td=""><td>Isopropylbenzene</td><td></td><td>ND</td><td>mg/kg</td><td>0.0050</td><td>0.00080</td><td>EPA-8260B</td><td>ND</td><td></td><td>1</td></td<>	Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
Methyl t-butyl ether ND mg/kg 0.0050 0.0056 EPA-8260B ND 1 Naphthalene ND mg/kg 0.0050 0.0099 EPA-8260B ND 1 n-Propylbenzene ND mg/kg 0.0050 0.00071 EPA-8260B ND 1 Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1 1,1,1,2-Terterachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 1,1,2,2-Terterachloroethane ND mg/kg 0.0050 0.00084 EPA-8260B ND 1 Tetrachloroethane ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 Totoluene ND mg/kg 0.0050 0.00097 EPA-8260B ND 1 1,2,4-Trichloroethane ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.00074 <td>p-Isopropyltoluene</td> <td></td> <td>ND</td> <td>mg/kg</td> <td>0.0050</td> <td>0.00059</td> <td>EPA-8260B</td> <td>ND</td> <td></td> <td>1</td>	p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Naphthalene ND	Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
ND	Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Styrene ND mg/kg 0.0050 0.00062 EPA-8260B ND 1	Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
1.1,2,2-Tetrachloroethane	Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
Tetrachloroethene	1,1,1,2-Tetrachloroetha	ane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
ND mg/kg 0.0050 0.0069 EPA-8260B ND 1	1,1,2,2-Tetrachloroetha	ane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
1,2,4-Trichlorobenzene ND mg/kg 0.0050 0.0014 EPA-8260B ND 1 1,1,1-Trichloroethane ND mg/kg 0.0050 0.00067 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.00094 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.00094 EPA-8260B ND 1 1,1,2-Trichloroethane ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 1,1,2-Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,2,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 1,2-Drichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 1,2-Drichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 1,2-Drichloroethane-d4 (Surrogate) 99.8 % 81 - 117 (LCL - UCL) EPA-8260B ND 1 1,2-Drichloroethane-d4 (Surrogate) 99.8 % 81 - 117 (LCL - UCL) EPA-8260B ND 1	Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	•	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,1,2-Trichloroethane	1,2,4-Trichlorobenzene	•	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Trichloroethene ND mg/kg 0.0050 0.00074 EPA-8260B ND 1 Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.0008 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.0008 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.0006 EPA-8260B ND 1 1,0,4-Trimethylbenzene ND mg/kg 0.0050 0.0008 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0005 EPA-8260B ND 1	1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Trichlorofluoromethane ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 1,0,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylene ND mg/kg 0.0050 0.00059 EPA-8260B ND 1	1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
1,2,3-Trichloropropane ND mg/kg 0.0050 0.0019 EPA-8260B ND 1 1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.0080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.0066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.0093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) <td>Trichloroethene</td> <td></td> <td>ND</td> <td>mg/kg</td> <td>0.0050</td> <td>0.00074</td> <td>EPA-8260B</td> <td>ND</td> <td></td> <td>1</td>	Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane ND mg/kg 0.0050 0.0010 EPA-8260B ND 1 1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.0093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) EPA-8260B 1	Trichlorofluoromethane	•	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trimethylbenzene ND mg/kg 0.0050 0.00080 EPA-8260B ND 1 1,3,5-Trimethylbenzene ND mg/kg 0.0050 0.00066 EPA-8260B ND 1 Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 P- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 O-Xylene ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) EPA-8260B 1	1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	1,1,2-Trichloro-1,2,2-tri	ifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Vinyl chloride ND mg/kg 0.0050 0.00059 EPA-8260B ND 1 Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B ND 1 Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) EPA-8260B 1	1,2,4-Trimethylbenzen	e	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
Total Xylenes ND mg/kg 0.010 0.0025 EPA-8260B ND 1 p- & m-Xylenes ND mg/kg 0.0050 0.0015 EPA-8260B ND 1 o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) EPA-8260B 1	1,3,5-Trimethylbenzen	e	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
p- & m-Xylenes	Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
o-Xylene ND mg/kg 0.0050 0.00093 EPA-8260B ND 1 1,2-Dichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) EPA-8260B 1	Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate) 99.8 % 70 - 121 (LCL - UCL) EPA-8260B 1 Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) EPA-8260B 1	p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Toluene-d8 (Surrogate) 98.9 % 81 - 117 (LCL - UCL) EPA-8260B 1	o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
	1,2-Dichloroethane-d4	(Surrogate)	99.8	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate) 97.9 % 74 - 121 (LCL - UCL) EPA-8260B 1	Toluene-d8 (Surrogate)	98.9	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
	4-Bromofluorobenzene	(Surrogate)	97.9	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 135 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-18	Client San	nple Name:	B-9 @ 1'-2' - Silty	SAND w/ Gravel (SM	1), 4/17/2023 3:0	00:00PM, JacoB	Alvarez
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:29	04/24/23 19:42	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-18	Client Sampl	e Name:	B-9 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1		
a,a,a-Trifluorotoluene	(FID Surrogate)	97.5	%	70 - 130 (LC	L - UCL)	EPA-8015B			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:55	04/28/23 14:38	SEM	GC-V8	1	B164903	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	BCL Sample ID: 2307961-18 Client Sample Name:			B-9 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
TPH - Diesel (FFP)		25	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1			
TPH - Motor Oil		260	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1			
Tetracosane (Surrogat	e)	41.7	%	40 - 130 (LCI	L - UCL)	EPA-8015B/FFP			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 21:49	BUP	GC-2	1.007	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-18	Client Sampl	e Name:	B-9 @ 1'-2' -	Silty SAND w	/ Gravel (SM), 4/17/20	023 3:00:00PM, J	lacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		2.8	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		4.8	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		110	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.066	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		1.3	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		24	mg/kg	0.50	0.050	EPA-6010B	0.37		1
Cobalt		7.4	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		37	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		35	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		0.11	mg/kg	0.16	0.016	EPA-7471A	ND	J	2
Molybdenum		4.6	mg/kg	2.5	0.050	EPA-6010B	0.057		1
Nickel		18	mg/kg	0.50	0.15	EPA-6010B	0.30		1
Selenium		1.6	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.83	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		32	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		230	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:55	JCC	PE-OP3	0.962	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:18	TMT	CETAC3	0.977	B165112	EPA 7471A

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-19	Client Sampl	e Name:	B-10 @ 0'-1'	- Silty SAND	w/ Gravel (SM), 4/17/	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (S	Surrogate)	26.7	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 13:00	05/02/23 17:45	HKS	GC-14	1.014	B165311	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1		B-10 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
BCL Sample ID:	2307961-19	Client Sampl	e Name:	B-10 @ 0'-1'	- Silty SAND v	// Gravel (SM), 4/17/2					
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1		
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1		
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1		
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1		
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1		
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1		
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1		
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1		
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1		
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1		
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1		
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1		
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1		
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1		
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1		
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1		
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1		
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1		
trans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1		
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1		
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1		

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-19	Client Sample	e Name:	B-10 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez					
Constituent		Posvit	Units	PQL	MDL	Method	MB	Lab	DON
cis-1,3-Dichloropropene		Result ND	mg/kg	0.0050	0.00058	EPA-8260B	Bias ND	Quals	DCN 1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		 1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluo	roethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Su	rrogate)	99.5	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)		99.5 %		81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Su	urrogate)	98.2	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-19	Client San	nple Name:	B-10 @ 0'-1' - Silty	/ SAND w/ Gravel (Si	M), 4/17/2023 3	3:00:00PM, Jacol	B Alvarez
DCN	Method	Prep Date	Run Date/Time	QC Analyst Instrument Dilution Batch ID				
1	EPA-8260B	04/20/23 21:29	04/24/23 20:03	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-19	Client Sampl	e Name:	B-10 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1		
a,a,a-Trifluorotoluene	(FID Surrogate)	90.0	%	70 - 130 (LC	L - UCL)	EPA-8015B			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:55	04/28/23 15:01	SEM	GC-V8	1	B164903	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-19	Client Sampl	e Name:	B-10 @ 0'-1'	, JacoB Alvarez				
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel (FFP)		37	mg/kg	50	11	EPA-8015B/FFP	ND	J,A10,A52	1
TPH - Motor Oil		370	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1
Tetracosane (Surrogat	re)	67.1	%	40 - 130 (LC	L - UCL)	EPA-8015B/FFP			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 22:34	BUP	GC-2	4.950	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-19	Client Sampl	e Name:	B-10 @ 0'-1'	' - Silty SAND	w/ Gravel (SM), 4/17/2	2023 3:00:00PM,	3:00:00PM, JacoB Alvarez		
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony		1.1	mg/kg	5.0	0.33	EPA-6010B	ND	J	1	
Arsenic		4.6	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium		41	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium		0.13	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium		0.42	mg/kg	0.50	0.052	EPA-6010B	ND	J	1	
Chromium		18	mg/kg	0.50	0.050	EPA-6010B	0.35		1	
Cobalt		2.9	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper		8.8	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead		19	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury		0.030	mg/kg	0.16	0.016	EPA-7471A	ND	J	2	
Molybdenum		1.6	mg/kg	2.5	0.050	EPA-6010B	0.055	J	1	
Nickel		11	mg/kg	0.50	0.15	EPA-6010B	0.28		1	
Selenium		2.1	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver		0.45	mg/kg	0.50	0.067	EPA-6010B	ND	J	1	
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium		16	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc		34	mg/kg	2.5	0.087	EPA-6010B	ND		1	

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:56	JCC	PE-OP3	0.917	B164836	EPA 3050B
2	EPA-7471A	04/28/23 10:55	04/28/23 15:20	TMT	CETAC3	1.008	B165112	EPA 7471A

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-20	Client Sampl	e Name:	B-10 @ 1'-2'	- Silty SAND	w/ Gravel (SM), 4/17/	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1
Total PCB's (Summati	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (S	Surrogate)	25.0	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8082	04/27/23 13:00	05/02/23 17:57	HKS	GC-14	1.014	B165311	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		<u> </u>										
BCL Sample ID:	2307961-20	Client Sampl	e Name:	B-10 @ 1'-2'	- Silty SAND v	// Gravel (SM), 4/17/2						
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	-	1			
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1			
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1			
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1			
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1			
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1			
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1			
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1			
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1			
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1			
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1			
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1			
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1			
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1			
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1			
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1			
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1			
1,2-Dibromo-3-chloropropa	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1			
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1			
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1			
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1			
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1			
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1			
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1			
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1			
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1			
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1			
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1			
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1			
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1			
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-20	Client Sample	e Name:	B-10 @ 1'-2'	- Silty SAND w	// Gravel (SM), 4/17/2	B-10 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez					
Constituent		Popult	Units	PQL	MDL	Method	MB	Lab	DON			
cis-1,3-Dichloropropene		Result ND	mg/kg	0.0050	0.00058	EPA-8260B	Bias ND	Quals	DCN 1			
trans-1,3-Dichloropropene)	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1			
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		 1			
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1			
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1			
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1			
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1			
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1			
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1			
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1			
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1			
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1			
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1			
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1			
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1			
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1			
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1			
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1			
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1			
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1			
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1			
1,1,2-Trichloro-1,2,2-triflu	oroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1			
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1			
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1			
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1			
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1			
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1			
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1			
1,2-Dichloroethane-d4 (Si	urrogate)	100	%	70 - 121 (LC	L - UCL)	EPA-8260B			1			
Toluene-d8 (Surrogate)		100	%	81 - 117 (LC	L - UCL)	EPA-8260B			1			
4-Bromofluorobenzene (S	urrogate)	96.1	%	74 - 121 (LC	L - UCL)	EPA-8260B			1			

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID	e: 2307961-20	nple Name:	B-10 @ 1'-2' - Silty	-10 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez				
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:29	04/24/23 20:25	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-20	Client Sampl	e Name:	B-10 @ 1'-2'	- Silty SAND	w/ Gravel (SM), 4/17/2	2023 3:00:00PM,		
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Orga	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1
a,a,a-Trifluorotoluene	(FID Surrogate)	102	%	70 - 130 (LC	L - UCL)	EPA-8015B			1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:55	04/26/23 22:43	SEM	GC-V8	1	B164903	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	BCL Sample ID: 2307961-20 Cli			B-10 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
TPH - Diesel (FFP)		15	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1			
TPH - Motor Oil		140	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1			
Tetracosane (Surrogat	re)	72.2	%	40 - 130 (LCL	UCL)	EPA-8015B/FFP			1			

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 08:00	05/01/23 22:12	BUP	GC-2	1	B165278	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-20	Client Sampl	e Name:	B-10 @ 1'-2'	- Silty SAND	w/ Gravel (SM), 4/17/2	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.6	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		5.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		46	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium		0.13	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.50	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		22	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		4.1	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		11	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead		20	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum		2.1	mg/kg	2.5	0.050	EPA-6010B	0.058	J	1
Nickel		13	mg/kg	0.50	0.15	EPA-6010B	0.30		1
Selenium		3.1	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.51	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
/anadium		24	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc		38	mg/kg	2.5	0.087	EPA-6010B	ND		1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 20:58	JCC	PE-OP3	0.980	B164836	EPA 3050B
2	EPA-7471A	05/01/23 09:40	05/01/23 13:46	TMT	CETAC3	0.962	B165195	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-21	Client Sampl	e Name:	B-11 @ 0'-1'	- Silty SAND v	v/ Gravel (SM), 4/17/	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1
Total PCB's (Summation	on)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1
Decachlorobiphenyl (S	Surrogate)	36.7	%	40 - 120 (LC	L - UCL)	EPA-8082		S09	1

			Run		_	QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 14:00	04/28/23 16:44	HKS	GC-14	1.007	B165211	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

DOI 0	0007004-04	1000000	- N	B-11 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez					
BCL Sample ID:	2307961-21	Client Sampl	e Name:	Б-11 @ 0-1	- SIILY SAIND W	// Graver (SIVI), 4/17/2			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
ert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
1-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloroprop	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
rans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-21	Client Sampl	e Name:	B-11 @ 0'-1'	- Silty SAND w	// Gravel (SM), 4/17/2	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Desuit	11:2!45	PQL	MDL	Mathe	MB	Lab	BON
Constituent cis-1,3-Dichloropropene		Result ND	Units mg/kg	0.0050	0.00058	Method EPA-8260B	Bias ND	Quals	<u>DCN</u> 1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		<u>·</u> 1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		 1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		<u>·</u> 1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		<u>·</u> 1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluo	roethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Su	rrogate)	101	%	70 - 121 (LC	L - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)		101	%	81 - 117 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Su	ırrogate)	98.3	%	74 - 121 (LC	L - UCL)	EPA-8260B			1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-21	Client San	nple Name:	B-11 @ 0'-1' - Silty	SAND w/ Gravel (SI	M), 4/17/2023 3	3:00:00PM, Jacol	B Alvarez
DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8260B	04/20/23 21:29	04/24/23 20:46	6 EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-21	Client Sampl	lient Sample Name: B-11 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Gasoline Range Organ	nics (C4 - C12)	ND	mg/kg	1.0	0.20	EPA-8015B	ND		1		
a,a,a-Trifluorotoluene	(FID Surrogate)	105	%	70 - 130 (LC	CL - UCL)	EPA-8015B			1		

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B	04/26/23 08:55	04/28/23 15:27	SEM	GC-V8	1	B164903	EPA 5030 Soil GC

DCN = Data Continuation Number

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	Client Sampl	le Name: B-11 @ 0'-1' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez								
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
TPH - Diesel (FFP)		8.9	mg/kg	10	2.2	EPA-8015B/FFP	ND	J,A52	1	
TPH - Motor Oil		84	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1	
Tetracosane (Surrogat	re)	64.6	%	40 - 130 (LCI	L - UCL)	EPA-8015B/FFP			1	

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 10:15	05/01/23 07:17	BUP	GC-19	1.007	B165182	EPA 3550B

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-21	Client Sampl	e Name:	B-11 @ 0'-1'	- Silty SAND	w/ Gravel (SM), 4/17/2	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony		1.0	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic		5.8	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium		41	mg/kg	0.50	0.18	EPA-6010B	0.65		1
Beryllium		0.14	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium		0.61	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium		17	mg/kg	0.50	0.050	EPA-6010B	0.38		1
Cobalt		3.4	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper		20	mg/kg	1.0	0.050	EPA-6010B	0.12		2
Lead		45	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		3
Molybdenum		1.8	mg/kg	2.5	0.050	EPA-6010B	ND	J	1
Nickel		13	mg/kg	0.50	0.15	EPA-6010B	0.33		1
Selenium		1.3	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver		0.61	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium		20	mg/kg	0.50	0.11	EPA-6010B	ND		2
Zinc		45	mg/kg	2.5	0.087	EPA-6010B	0.22		1

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 14:41	JCC	PE-OP3	0.971	B164837	EPA 3050B
2	EPA-6010B	04/25/23 10:00	05/09/23 18:52	JCC	PE-OP3	0.971	B164837	EPA 3050B
3	EPA-7471A	05/01/23 09:40	05/01/23 13:48	TMT	CETAC3	0.992	B165195	EPA 7471A

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2307961-22	Client Sample Name:		B-11 @ 1'-2'	B-11 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN			
PCB-1016		ND	mg/kg	0.010	0.0023	EPA-8082	ND		1			
PCB-1221		ND	mg/kg	0.010	0.0033	EPA-8082	ND		1			
PCB-1232		ND	mg/kg	0.010	0.0026	EPA-8082	ND		1			
PCB-1242		ND	mg/kg	0.010	0.0015	EPA-8082	ND		1			
PCB-1248		ND	mg/kg	0.010	0.0021	EPA-8082	ND		1			
PCB-1254		ND	mg/kg	0.010	0.0016	EPA-8082	ND		1			
PCB-1260		ND	mg/kg	0.010	0.0018	EPA-8082	ND		1			
Total PCB's (Summation	า)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1			
Decachlorobiphenyl (Su	ırrogate)	40.0	%	40 - 120 (LC	L - UCL)	EPA-8082			1			

			Run			QC				
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method		
1	EPA-8082	04/27/23 14:00	04/28/23 16:55	HKS	GC-14	0.987	B165211	EPA 3550B		

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

		1			a c · · · -				
BCL Sample ID:	2307961-22	Client Sampl	e Name:	B-11 @ 1'-2'	- Silty SAND w	// Gravel (SM), 4/17/2			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane		ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane		ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene		ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene		ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride		ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene		ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform		ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene		ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene		ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloroprop	ane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane		ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane		ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane		ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane		ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene		ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene		ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene		ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2	307961-22	Client Sampl	e Name:	B-11 @ 1'-2'	- Silty SAND w	v/ Gravel (SM), 4/17/2	2023 3:00:00PM,	JacoB Alvarez	
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Ethylbenzene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride		ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether		ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene		ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene		ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene		ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane		ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene		ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene		ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene		ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane		ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane		ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene		ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane		ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluor	pethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene		ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene		ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride		ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes		ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes		ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene		ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons		ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		2
1,2-Dichloroethane-d4 (Sur	rogate)	101	%	70 - 121 (LC	CL - UCL)	EPA-8260B			1
1,2-Dichloroethane-d4 (Sur	rogate)	101	%	70 - 121 (LC	CL - UCL)	Luft-GC/MS			2
Toluene-d8 (Surrogate)		101	%	81 - 117 (LC	L - UCL)	EPA-8260B			1

Report ID: 1001423595 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com Page 163 of 192



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2307961-22	Client Sampl	e Name:	B-11 @ 1'-2'	- Silty SAND	JacoB Alvarez			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Toluene-d8 (Surrogate	e)	101	%	81 - 117 (LC	L - UCL)	Luft-GC/MS			2
4-Bromofluorobenzen	e (Surrogate)	98.9	%	74 - 121 (LC	L - UCL)	EPA-8260B			1
4-Bromofluorobenzen	e (Surrogate)	98.9	%	74 - 121 (LC	L - UCL)	Luft-GC/MS			2

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8260B	04/20/23 21:29	04/24/23 21:08	EAB	MS-V17	1	B164625	EPA 5030 Soil MS
2	Luft-GC/MS	04/20/23 21:29	04/24/23 21:08	EAB	MS-V17	1	B164625	EPA 5030 Soil MS

DCN = Data Continuation Number



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

BCL Sample ID:	2307961-22	Client Sampl	ent Sample Name: B-11 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, Jacob Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
TPH - Diesel (FFP)		12	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1	
TPH - Motor Oil		180	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1	
Tetracosane (Surrogat	e)	59.8	%	40 - 130 (LCL	UCL)	EPA-8015B/FFP			1	

			Run					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-8015B/FFP	04/28/23 10:15	05/01/23 08:36	BUP	GC-19	1.017	B165182	EPA 3550B

DCN = Data Continuation Number

Report ID: 1001423595



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

BCL Sample ID:	2307961-22	Client Sampl	e Name:	B-11 @ 1'-2' - Silty SAND w/ Gravel (SM), 4/17/2023 3:00:00PM, JacoB Alvarez							
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN		
Antimony		0.77	mg/kg	5.0	0.33	EPA-6010B	ND	J	1		
Arsenic		5.7	mg/kg	1.0	0.40	EPA-6010B	ND		1		
Barium		39	mg/kg	0.50	0.18	EPA-6010B	0.63		1		
Beryllium		0.14	mg/kg	0.50	0.047	EPA-6010B	ND	J	1		
Cadmium		0.72	mg/kg	0.50	0.052	EPA-6010B	ND		1		
Chromium		17	mg/kg	0.50	0.050	EPA-6010B	0.36		1		
Cobalt		3.1	mg/kg	2.5	0.098	EPA-6010B	ND		1		
Copper		16	mg/kg	1.0	0.050	EPA-6010B	0.12		2		
Lead		28	mg/kg	2.5	0.41	EPA-6010B	ND		1		
Mercury		ND	mg/kg	0.16	0.016	EPA-7471A	ND		3		
Molybdenum		1.8	mg/kg	2.5	0.050	EPA-6010B	ND	J	1		
Nickel		12	mg/kg	0.50	0.15	EPA-6010B	0.31		1		
Selenium		2.0	mg/kg	1.0	0.98	EPA-6010B	ND		1		
Silver		0.54	mg/kg	0.50	0.067	EPA-6010B	ND		1		
Thallium		ND	mg/kg	5.0	0.64	EPA-6010B	ND		1		
Vanadium		19	mg/kg	0.50	0.11	EPA-6010B	ND		2		
Zinc		48	mg/kg	2.5	0.087	EPA-6010B	0.21		1		

			Run				QC	
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-6010B	04/25/23 10:00	04/28/23 14:43	JCC	PE-OP3	0.935	B164837	EPA 3050B
2	EPA-6010B	04/25/23 10:00	05/09/23 18:53	JCC	PE-OP3	0.935	B164837	EPA 3050B
3	EPA-7471A	05/01/23 09:40	05/01/23 13:50	TMT	CETAC3	1.008	B165195	EPA 7471A

DCN = Data Continuation Number

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16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B165211							
PCB-1016	B165211-BLK1	ND	mg/kg	0.010	0.0023		1
PCB-1221	B165211-BLK1	ND	mg/kg	0.010	0.0033		1
PCB-1232	B165211-BLK1	ND	mg/kg	0.010	0.0026		1
PCB-1242	B165211-BLK1	ND	mg/kg	0.010	0.0015		1
PCB-1248	B165211-BLK1	ND	mg/kg	0.010	0.0021		1
PCB-1254	B165211-BLK1	ND	mg/kg	0.010	0.0016		1
PCB-1260	B165211-BLK1	ND	mg/kg	0.010	0.0018		1
Total PCB's (Summation)	B165211-BLK1	ND	mg/kg	0.010	0.0050		1
Decachlorobiphenyl (Surrogate)	B165211-BLK1	102	%	40 - 12	0 (LCL - UCL)		1
QC Batch ID: B165311							
PCB-1016	B165311-BLK1	ND	mg/kg	0.010	0.0023		2
PCB-1221	B165311-BLK1	ND	mg/kg	0.010	0.0033		2
PCB-1232	B165311-BLK1	ND	mg/kg	0.010	0.0026		2
PCB-1242	B165311-BLK1	ND	mg/kg	0.010	0.0015		2
PCB-1248	B165311-BLK1	ND	mg/kg	0.010	0.0021		2
PCB-1254	B165311-BLK1	ND	mg/kg	0.010	0.0016		2
PCB-1260	B165311-BLK1	ND	mg/kg	0.010	0.0018		2
Total PCB's (Summation)	B165311-BLK1	ND	mg/kg	0.010	0.0050		2
Decachlorobiphenyl (Surrogate)	B165311-BLK1	102	%	40 - 12	0 (LCL - UCL)		2

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B165211-BLK1	РВ	EPA-8082	04/27/23	04/28/23 15:59	HKS	GC-14	0.987
2	B165311-BLK1	РВ	EPA-8082	04/27/23	05/02/23 11:40	HKS	GC-14	0.997



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

	-						Control Limits				
				Spike		Percent		Percent		Lab	
Constituent	QC Sample ID	Type	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals	Run #
QC Batch ID: B165211											
PCB-1016	B165211-BS1	LCS	0.088255	0.083893	mg/kg	105		60 - 120			1
PCB-1260	B165211-BS1	LCS	0.088591	0.083893	mg/kg	106		60 - 120			1
Decachlorobiphenyl (Surrogate)	B165211-BS1	LCS	0.014094	0.020134	mg/kg	70.0		40 - 120			1
QC Batch ID: B165311											
PCB-1016	B165311-BS1	LCS	0.084385	0.083056	mg/kg	102		60 - 120			2
PCB-1260	B165311-BS1	LCS	0.087043	0.083056	mg/kg	105		60 - 120			2
Decachlorobiphenyl (Surrogate)	B165311-BS1	LCS	0.021262	0.019934	mg/kg	107		40 - 120			2

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B165211-BS1	LCS	EPA-8082	04/27/23	04/28/23 16:10	HKS	GC-14	1.007
2	B165311-BS1	LCS	EPA-8082	04/27/23	05/02/23 11:51	HKS	GC-14	0.997

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

					·				Con	trol Limits		
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	R#
QC Batch ID: B165211	Use	d client samp	le: Y - Des	scription: B-1	1 @ 1'-2' - S	Silty SAND	w/ Gra	vel (SM), 0	4/17/2	023 15:00		
PCB-1016	MS MS	2307961-22	ND	0.089037	0.083056	mg/kg		107		60 - 120		1
	MSD	2307961-22	ND	0.091864	0.084746	mg/kg	3.1	108	30	60 - 120		2
PCB-1260	MS	2307961-22	ND	0.055482	0.083056	mg/kg		66.8		60 - 120		1
	MSD	2307961-22	ND	0.049492	0.084746	mg/kg	11.4	58.4	30	60 - 120	Q03	2
Decachlorobiphenyl (Surrogate)	MS	2307961-22	ND	0.0083056	0.019934	mg/kg		41.7		40 - 120		1
	MSD	2307961-22	ND	0.0081356	0.020339	mg/kg	2.1	40.0		40 - 120		2
QC Batch ID: B165311	Use	d client samp	le: Y - Des	scription: B-5	5 @ 1'-2' - Si	Ity SAND	w/ Grav	el (SM), 04	/17/20	23 15:00		
PCB-1016	— MS	2307961-10	ND	0.088176	0.084459	mg/kg		104		60 - 120		3
	MSD	2307961-10	ND	0.058278	0.082781	mg/kg	40.8	70.4	30	60 - 120	Q02	4
PCB-1260	MS	2307961-10	ND	0.067568	0.084459	mg/kg		80.0		60 - 120		3
	MSD	2307961-10	ND	0.052649	0.082781	mg/kg	24.8	63.6	30	60 - 120		4
Decachlorobiphenyl (Surrogate)	MS	2307961-10	ND	0.013514	0.020270	mg/kg		66.7		40 - 120		3
	MSD	2307961-10	ND	0.011258	0.019868	mg/kg	18.2	56.7		40 - 120		4

					Run			
Run #	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B165211-MS1	MS	EPA-8082	04/27/23	04/28/23 16:21	HKS	GC-14	0.997
2	B165211-MSD1	MSD	EPA-8082	04/27/23	04/28/23 16:33	HKS	GC-14	1.017
3	B165311-MS1	MS	EPA-8082	04/27/23	05/02/23 12:03	HKS	GC-14	1.014
4	B165311-MSD1	MSD	EPA-8082	04/27/23	05/02/23 12:14	HKS	GC-14	0.993

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B164601							
Benzene	B164601-BLK1	ND	mg/kg	0.0050	0.00067		1
Bromobenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00087		1
Bromochloromethane	B164601-BLK1	ND	mg/kg	0.0050	0.00081		1
Bromodichloromethane	B164601-BLK1	ND	mg/kg	0.0050	0.00078		1
Bromoform	B164601-BLK1	ND	mg/kg	0.0050	0.00070		1
Bromomethane	B164601-BLK1	ND	mg/kg	0.0050	0.0017		1
n-Butylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00076		1
sec-Butylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00071		1
tert-Butylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00085		1
Carbon tetrachloride	B164601-BLK1	ND	mg/kg	0.0050	0.00078		1
Chlorobenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00077		1
Chloroethane	B164601-BLK1	ND	mg/kg	0.0050	0.0011		1
Chloroform	B164601-BLK1	ND	mg/kg	0.0050	0.00090		1
Chloromethane	B164601-BLK1	ND	mg/kg	0.0050	0.0011		1
2-Chlorotoluene	B164601-BLK1	ND	mg/kg	0.0050	0.00087		1
4-Chlorotoluene	B164601-BLK1	ND	mg/kg	0.0050	0.00070		1
Dibromochloromethane	B164601-BLK1	ND	mg/kg	0.0050	0.00080		1
1,2-Dibromo-3-chloropropane	B164601-BLK1	ND	mg/kg	0.0050	0.00096		1
1,2-Dibromoethane	B164601-BLK1	ND	mg/kg	0.0050	0.00082		1
Dibromomethane	B164601-BLK1	ND	mg/kg	0.0050	0.0014		1
1,2-Dichlorobenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00079		1
1,3-Dichlorobenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00073		1
1,4-Dichlorobenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00073		1
Dichlorodifluoromethane	B164601-BLK1	ND	mg/kg	0.0050	0.00079		1
1,1-Dichloroethane	B164601-BLK1	ND	mg/kg	0.0050	0.00064		1
1,2-Dichloroethane	B164601-BLK1	ND	mg/kg	0.0050	0.00073		1
1,1-Dichloroethene	B164601-BLK1	ND	mg/kg	0.0050	0.0011		1
cis-1,2-Dichloroethene	B164601-BLK1	ND	mg/kg	0.0050	0.00054		1
trans-1,2-Dichloroethene	B164601-BLK1	ND	mg/kg	0.0050	0.0037		1
1,2-Dichloropropane	B164601-BLK1	ND	mg/kg	0.0050	0.00080		1
1,3-Dichloropropane	B164601-BLK1	ND	mg/kg	0.0050	0.00067		1
2,2-Dichloropropane	B164601-BLK1	ND	mg/kg	0.0050	0.00067		1
1,1-Dichloropropene	B164601-BLK1	ND	mg/kg	0.0050	0.00067		1
cis-1,3-Dichloropropene	B164601-BLK1	ND	mg/kg	0.0050	0.00058		1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B164601							
trans-1,3-Dichloropropene	B164601-BLK1	ND	mg/kg	0.0050	0.00066		1
Ethylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00069		1
Hexachlorobutadiene	B164601-BLK1	ND	mg/kg	0.0050	0.00067		1
Isopropylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00080		1
p-Isopropyltoluene	B164601-BLK1	ND	mg/kg	0.0050	0.00059		1
Methylene chloride	B164601-BLK1	ND	mg/kg	0.010	0.0011		1
Methyl t-butyl ether	B164601-BLK1	ND	mg/kg	0.0050	0.00056		1
	B164601-BLK1	ND	mg/kg	0.0050	0.00099		1
n-Propylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00071		1
Styrene	B164601-BLK1	ND	mg/kg	0.0050	0.00062		1
1,1,1,2-Tetrachloroethane	B164601-BLK1	ND	mg/kg	0.0050	0.00095		1
1,1,2,2-Tetrachloroethane	B164601-BLK1	ND	mg/kg	0.0050	0.00084		1
Tetrachloroethene	B164601-BLK1	ND	mg/kg	0.0050	0.00097		1
Toluene	B164601-BLK1	ND	mg/kg	0.0050	0.00069		1
1,2,3-Trichlorobenzene	B164601-BLK1	ND	mg/kg	0.0050	0.0015		1
1,2,4-Trichlorobenzene	B164601-BLK1	ND	mg/kg	0.0050	0.0014		1
1,1,1-Trichloroethane	B164601-BLK1	ND	mg/kg	0.0050	0.00067		1
1,1,2-Trichloroethane	B164601-BLK1	ND	mg/kg	0.0050	0.00094		1
Trichloroethene	B164601-BLK1	ND	mg/kg	0.0050	0.00074		1
Trichlorofluoromethane	B164601-BLK1	ND	mg/kg	0.0050	0.0015		1
1,2,3-Trichloropropane	B164601-BLK1	ND	mg/kg	0.0050	0.0019		1
1,1,2-Trichloro-1,2,2-trifluoroethane	B164601-BLK1	ND	mg/kg	0.0050	0.0010		1
1,2,4-Trimethylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00080		1
1,3,5-Trimethylbenzene	B164601-BLK1	ND	mg/kg	0.0050	0.00066		1
Vinyl chloride	B164601-BLK1	ND	mg/kg	0.0050	0.00059		1
Total Xylenes	B164601-BLK1	ND	mg/kg	0.010	0.0025		1
p- & m-Xylenes	B164601-BLK1	ND	mg/kg	0.0050	0.0015		1
o-Xylene	B164601-BLK1	ND	mg/kg	0.0050	0.00093		1
1,2-Dichloroethane-d4 (Surrogate)	B164601-BLK1	97.2	%	70 - 12	1 (LCL - UCL)		1
Toluene-d8 (Surrogate)	B164601-BLK1	100	%	81 - 117 (LCL - UCL)			1
4-Bromofluorobenzene (Surrogate)	B164601-BLK1	99.3	%	% 74 - 121 (LCL - UCL)			1
QC Batch ID: B164625							
Benzene	B164625-BLK1	ND	mg/kg	0.0050	0.00067		2



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B164625							
Bromobenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00087		2
Bromochloromethane	B164625-BLK1	ND	mg/kg	0.0050	0.00081		2
Bromodichloromethane	B164625-BLK1	ND	mg/kg	0.0050	0.00078		2
Bromoform	B164625-BLK1	ND	mg/kg	0.0050	0.00070		2
Bromomethane	B164625-BLK1	ND	mg/kg	0.0050	0.0017		2
n-Butylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00076		2
sec-Butylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00071		2
tert-Butylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00085		2
Carbon tetrachloride	B164625-BLK1	ND	mg/kg	0.0050	0.00078		2
Chlorobenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00077		2
Chloroethane	B164625-BLK1	ND	mg/kg	0.0050	0.0011		2
Chloroform	B164625-BLK1	ND	mg/kg	0.0050	0.00090		2
Chloromethane	B164625-BLK1	ND	mg/kg	0.0050	0.0011		2
2-Chlorotoluene	B164625-BLK1	ND	mg/kg	0.0050	0.00087		2
4-Chlorotoluene	B164625-BLK1	ND	mg/kg	0.0050	0.00070		2
Dibromochloromethane	B164625-BLK1	ND	mg/kg	0.0050	0.00080		2
1,2-Dibromo-3-chloropropane	B164625-BLK1	ND	mg/kg	0.0050	0.00096		2
1,2-Dibromoethane	B164625-BLK1	ND	mg/kg	0.0050	0.00082		2
Dibromomethane	B164625-BLK1	ND	mg/kg	0.0050	0.0014		2
1,2-Dichlorobenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00079		2
1,3-Dichlorobenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00073		2
1,4-Dichlorobenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00073		2
Dichlorodifluoromethane	B164625-BLK1	ND	mg/kg	0.0050	0.00079		2
1,1-Dichloroethane	B164625-BLK1	ND	mg/kg	0.0050	0.00064		2
1,2-Dichloroethane	B164625-BLK1	ND	mg/kg	0.0050	0.00073		2
1,1-Dichloroethene	B164625-BLK1	ND	mg/kg	0.0050	0.0011		2
cis-1,2-Dichloroethene	B164625-BLK1	ND	mg/kg	0.0050	0.00054		2
trans-1,2-Dichloroethene	B164625-BLK1	ND	mg/kg	0.0050	0.0037		2
1,2-Dichloropropane	B164625-BLK1	ND	mg/kg	0.0050	0.00080		2
1,3-Dichloropropane	B164625-BLK1	ND	mg/kg	0.0050	0.00067		2
2,2-Dichloropropane	B164625-BLK1	ND	mg/kg	0.0050	0.00067		2
1,1-Dichloropropene	B164625-BLK1	ND	mg/kg	0.0050	0.00067		2
cis-1,3-Dichloropropene	B164625-BLK1	ND	mg/kg	0.0050	0.00058		2
trans-1,3-Dichloropropene	B164625-BLK1	ND	mg/kg	0.0050	0.00066		2

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B164625							
Ethylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00069		2
Hexachlorobutadiene	B164625-BLK1	ND	mg/kg	0.0050	0.00067		2
Isopropylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00080		2
p-Isopropyltoluene	B164625-BLK1	ND	mg/kg	0.0050	0.00059		2
Methylene chloride	B164625-BLK1	ND	mg/kg	0.010	0.0011		2
Methyl t-butyl ether	B164625-BLK1	ND	mg/kg	0.0050	0.00056		2
Naphthalene	B164625-BLK1	ND	mg/kg	0.0050	0.00099		2
n-Propylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00071		2
Styrene	B164625-BLK1	ND	mg/kg	0.0050	0.00062		2
1,1,1,2-Tetrachloroethane	B164625-BLK1	ND	mg/kg	0.0050	0.00095		2
1,1,2,2-Tetrachloroethane	B164625-BLK1	ND	mg/kg	0.0050	0.00084		2
Tetrachloroethene	B164625-BLK1	ND	mg/kg	0.0050	0.00097		2
Toluene	B164625-BLK1	ND	mg/kg	0.0050	0.00069		2
1,2,3-Trichlorobenzene	B164625-BLK1	ND	mg/kg	0.0050	0.0015		2
1,2,4-Trichlorobenzene	B164625-BLK1	ND	mg/kg	0.0050	0.0014		2
1,1,1-Trichloroethane	B164625-BLK1	ND	mg/kg	0.0050	0.00067		2
1,1,2-Trichloroethane	B164625-BLK1	ND	mg/kg	0.0050	0.00094		2
Trichloroethene	B164625-BLK1	ND	mg/kg	0.0050	0.00074		2
Trichlorofluoromethane	B164625-BLK1	ND	mg/kg	0.0050	0.0015		2
1,2,3-Trichloropropane	B164625-BLK1	ND	mg/kg	0.0050	0.0019		2
1,1,2-Trichloro-1,2,2-trifluoroethane	B164625-BLK1	ND	mg/kg	0.0050	0.0010		2
1,2,4-Trimethylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00080		2
1,3,5-Trimethylbenzene	B164625-BLK1	ND	mg/kg	0.0050	0.00066		2
Vinyl chloride	B164625-BLK1	ND	mg/kg	0.0050	0.00059		2
Total Xylenes	B164625-BLK1	ND	mg/kg	0.010	0.0025		2
p- & m-Xylenes	B164625-BLK1	ND	mg/kg	0.0050	0.0015		2
o-Xylene	B164625-BLK1	ND	mg/kg	0.0050	0.00093		2
Total Purgeable Petroleum Hydrocarbons	B164625-BLK1	ND	mg/kg	0.20	0.058		3
1,2-Dichloroethane-d4 (Surrogate)	B164625-BLK1	96.3	%	70 - 12	1 (LCL - UCL)		2
Toluene-d8 (Surrogate)	B164625-BLK1	98.8	%	81 - 11	7 (LCL - UCL)		2
4-Bromofluorobenzene (Surrogate)	B164625-BLK1	101	%	74 - 12	1 (LCL - UCL)		2

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164601-BLK1	РВ	EPA-8260B	04/20/23	04/20/23 19:11	EAB	MS-V17	1
2	B164625-BLK1	РВ	EPA-8260B	04/21/23	04/21/23 12:22	EAB	MS-V17	1
3	B164625-BLK1	РВ	Luft-GC/MS	04/21/23	04/21/23 12:22	EAB	MS-V17	1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

								Control I	imits		
Constituent	OC Sample ID	Tune	Popult	Spike	Units	Percent	RPD	Percent	RPD	Lab Quals	Dun #
	QC Sample ID	Type	Result	Level	Units	Recovery	KFU	Recovery	KPD	Quais	Run #
QC Batch ID: B164601											
Benzene	B164601-BS1	LCS	0.12560	0.12500	mg/kg	100		70 - 130			1
Bromodichloromethane	B164601-BS1	LCS	0.12645	0.12500	mg/kg	101		70 - 130			1
Chlorobenzene	B164601-BS1	LCS	0.12528	0.12500	mg/kg	100		70 - 130			1
Chloroethane	B164601-BS1	LCS	0.12464	0.12500	mg/kg	99.7		70 - 130			1
1,4-Dichlorobenzene	B164601-BS1	LCS	0.12533	0.12500	mg/kg	100		70 - 130			1
1,1-Dichloroethane	B164601-BS1	LCS	0.12039	0.12500	mg/kg	96.3		70 - 130			1
1,1-Dichloroethene	B164601-BS1	LCS	0.12819	0.12500	mg/kg	103		70 - 130			1
Toluene	B164601-BS1	LCS	0.12830	0.12500	mg/kg	103		70 - 130			1
Trichloroethene	B164601-BS1	LCS	0.12736	0.12500	mg/kg	102		70 - 130			1
1,2-Dichloroethane-d4 (Surrogate)	B164601-BS1	LCS	0.047500	0.050000	mg/kg	95.0		70 - 121			1
Toluene-d8 (Surrogate)	B164601-BS1	LCS	0.051150	0.050000	mg/kg	102		81 - 117			1
4-Bromofluorobenzene (Surrogate)	B164601-BS1	LCS	0.050580	0.050000	mg/kg	101		74 - 121			1
QC Batch ID: B164625											
Benzene	B164625-BS1	LCS	0.12221	0.12500	mg/kg	97.8		70 - 130			2
Bromodichloromethane	B164625-BS1	LCS	0.12221	0.12500	mg/kg	97.8		70 - 130			2
Chlorobenzene	B164625-BS1	LCS	0.12334	0.12500	mg/kg	98.7		70 - 130			2
Chloroethane	B164625-BS1	LCS	0.11971	0.12500	mg/kg	95.8		70 - 130			2
1,4-Dichlorobenzene	B164625-BS1	LCS	0.12199	0.12500	mg/kg	97.6		70 - 130			2
1,1-Dichloroethane	B164625-BS1	LCS	0.11679	0.12500	mg/kg	93.4		70 - 130			2
1,1-Dichloroethene	B164625-BS1	LCS	0.12467	0.12500	mg/kg	99.7		70 - 130			2
Toluene	B164625-BS1	LCS	0.12582	0.12500	mg/kg	101		70 - 130			2
Trichloroethene	B164625-BS1	LCS	0.12408	0.12500	mg/kg	99.3		70 - 130			2
1,2-Dichloroethane-d4 (Surrogate)	B164625-BS1	LCS	0.046350	0.050000	mg/kg	92.7		70 - 121			2
Toluene-d8 (Surrogate)	B164625-BS1	LCS	0.050770	0.050000	mg/kg	102		81 - 117			2
4-Bromofluorobenzene (Surrogate)	B164625-BS1	LCS	0.051010	0.050000	mg/kg	102		74 - 121			2

					Run				
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution	
1	B164601-BS1	LCS	EPA-8260B	04/20/23	04/20/23 19:33	EAB	MS-V17	1	
2	B164625-BS1	LCS	EPA-8260B	04/21/23	04/21/23 12:44	EAB	MS-V17	1	

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16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits		
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	R#
QC Batch ID: B164601	Use	ed client samp	le: N									_
Benzene	」 MS	2307939-01	ND	0.11371	0.12500	mg/kg		91.0		70 - 130		1
	MSD	2307939-01	ND	0.10823	0.12500	mg/kg	4.9	86.6	20	70 - 130		2
Bromodichloromethane	MS	2307939-01	ND	0.11737	0.12500	mg/kg		93.9		70 - 130		1
	MSD	2307939-01	ND	0.11109	0.12500	mg/kg	5.5	88.9	20	70 - 130		2
Chlorobenzene	MS	2307939-01	ND	0.11309	0.12500	mg/kg		90.5		70 - 130		1
	MSD	2307939-01	ND	0.10894	0.12500	mg/kg	3.7	87.2	20	70 - 130		2
Chloroethane	MS	2307939-01	ND	0.082480	0.12500	mg/kg		66.0		70 - 130	Q03	1
	MSD	2307939-01	ND	0.077710	0.12500	mg/kg	6.0	62.2	20	70 - 130	Q03	2
1,4-Dichlorobenzene	MS	2307939-01	ND	0.11125	0.12500	mg/kg		89.0		70 - 130		1
	MSD	2307939-01	ND	0.10756	0.12500	mg/kg	3.4	86.0	20	70 - 130		2
1,1-Dichloroethane	MS	2307939-01	ND	0.10952	0.12500	mg/kg		87.6		70 - 130		1
	MSD	2307939-01	ND	0.10479	0.12500	mg/kg	4.4	83.8	20	70 - 130		2
1,1-Dichloroethene	MS	2307939-01	ND	0.098720	0.12500	mg/kg		79.0		70 - 130		1
	MSD	2307939-01	ND	0.094910	0.12500	mg/kg	3.9	75.9	20	70 - 130		2
Toluene	MS	2307939-01	ND	0.11646	0.12500	mg/kg		93.2		70 - 130		1
	MSD	2307939-01	ND	0.11235	0.12500	mg/kg	3.6	89.9	20	70 - 130		2
Trichloroethene	MS	2307939-01	ND	0.11410	0.12500	mg/kg		91.3		70 - 130		1
	MSD	2307939-01	ND	0.11013	0.12500	mg/kg	3.5	88.1	20	70 - 130		2
1,2-Dichloroethane-d4 (Surrogate)	MS	2307939-01	ND	0.047910	0.050000	mg/kg		95.8		70 - 121		1
1,2 Didinordaniano di (Carrogato)	MSD	2307939-01	ND	0.047560	0.050000	mg/kg	0.7	95.1		70 - 121		2
Toluene-d8 (Surrogate)	MS	2307939-01	ND	0.050890	0.050000	mg/kg		102		81 - 117		1
Toldene do (Garrogate)	MSD	2307939-01	ND	0.050640	0.050000	mg/kg	0.5	101		81 - 117		2
4-Bromofluorobenzene (Surrogate)	MS	2307939-01	ND	0.050420	0.050000	mg/kg		101		74 - 121		 1
4-Biomondobenzene (Surrogate)	MSD	2307939-01	ND	0.050420	0.050000	mg/kg	2.1	101		74 - 121 74 - 121		2
	_											=
QC Batch ID: B164625	Use	ed client samp		•	_	•	w/ Grav	, ,	/17/20			
Benzene	MS	2307961-01	ND	0.11844	0.12500	mg/kg		94.8		70 - 130		3
-	MSD	2307961-01	ND	0.11406	0.12500	mg/kg	3.8	91.2	20	70 - 130		4
Bromodichloromethane	MS	2307961-01	ND	0.11265	0.12500	mg/kg		90.1		70 - 130		3
	MSD	2307961-01	ND	0.10916	0.12500	mg/kg	3.1	87.3	20	70 - 130		4
Chlorobenzene	MS	2307961-01	ND	0.095590	0.12500	mg/kg		76.5		70 - 130		3
	MSD	2307961-01	ND	0.091510	0.12500	mg/kg	4.4	73.2	20	70 - 130		4
Chloroethane	MS	2307961-01	ND	0.12407	0.12500	mg/kg		99.3		70 - 130		3
	MSD	2307961-01	ND	0.12243	0.12500	mg/kg	1.3	97.9	20	70 - 130		4
1,4-Dichlorobenzene	MS	2307961-01	ND	0.060180	0.12500	mg/kg		48.1		70 - 130	Q03	3
	MSD	2307961-01	ND	0.055030	0.12500	mg/kg	8.9	44.0	20	70 - 130	Q03	4
1,1-Dichloroethane	MS	2307961-01	ND	0.11661	0.12500	mg/kg		93.3		70 - 130		3
	MSD	2307961-01	ND	0.11332	0.12500	mg/kg	2.9	90.7	20	70 - 130		4



16 Technology Dr. Irvine, CA 92618 Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

						•	•		Cont	trol Limits	•
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals R#
QC Batch ID: B164625	Use	d client samp	ole: Y - Des	scription: B-1	@ 0'-1' - Si	Ity SAND	w/ Grav	/el (SM), 04	/17/20	23 15:00	
1,1-Dichloroethene	MS MS	2307961-01	ND	0.12611	0.12500	mg/kg		101		70 - 130	3
	MSD	2307961-01	ND	0.12357	0.12500	mg/kg	2.0	98.9	20	70 - 130	4
Toluene	MS	2307961-01	ND	0.11347	0.12500	mg/kg		90.8		70 - 130	3
	MSD	2307961-01	ND	0.10835	0.12500	mg/kg	4.6	86.7	20	70 - 130	4
Trichloroethene	MS	2307961-01	ND	0.11506	0.12500	mg/kg		92.0		70 - 130	3
	MSD	2307961-01	ND	0.11185	0.12500	mg/kg	2.8	89.5	20	70 - 130	4
1,2-Dichloroethane-d4 (Surrogate)	MS	2307961-01	ND	0.046790	0.050000	mg/kg		93.6		70 - 121	3
	MSD	2307961-01	ND	0.045330	0.050000	mg/kg	3.2	90.7		70 - 121	4
Toluene-d8 (Surrogate)	MS	2307961-01	ND	0.050340	0.050000	mg/kg		101		81 - 117	3
	MSD	2307961-01	ND	0.049880	0.050000	mg/kg	0.9	99.8		81 - 117	4
4-Bromofluorobenzene (Surrogate)	MS	2307961-01	ND	0.050090	0.050000	mg/kg		100		74 - 121	3
	MSD	2307961-01	ND	0.049450	0.050000	mg/kg	1.3	98.9		74 - 121	4

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164601-MS1	MS	EPA-8260B	04/20/23	04/20/23 19:54	EAB	MS-V17	1
2	B164601-MSD1	MSD	EPA-8260B	04/20/23	04/20/23 20:16	EAB	MS-V17	1
3	B164625-MS1	MS	EPA-8260B	04/21/23	04/21/23 13:06	EAB	MS-V17	1
4	B164625-MSD1	MSD	EPA-8260B	04/21/23	04/21/23 13:27	EAB	MS-V17	1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B164901							
Gasoline Range Organics (C4 - C12)	B164901-BLK1	ND	mg/kg	1.0	0.20		1
a,a,a-Trifluorotoluene (FID Surrogate)	B164901-BLK1	110	%	70 - 13	0 (LCL - UCL)		1
QC Batch ID: B164903							
Gasoline Range Organics (C4 - C12)	B164903-BLK1	ND	mg/kg	1.0	0.20		2
a,a,a-Trifluorotoluene (FID Surrogate)	B164903-BLK1	108	%	70 - 13	0 (LCL - UCL)		2

					Run			
Run #	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164901-BLK1	PB	EPA-8015B	04/26/23	04/26/23 12:42	SEM	GC-V8	1
2	B164903-BLK1	PB	EPA-8015B	04/26/23	04/26/23 20:38	SEM	GC-V8	1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

								Control I	Limits		
				Spike		Percent		Percent		Lab	
Constituent	QC Sample ID	Туре	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals	Run #
QC Batch ID: B164901											
Gasoline Range Organics (C4 - C12)	B164901-BS1	LCS	4.4540	5.0000	mg/kg	89.1		85 - 115			1
	B164901-BSD1	LCSD	4.4120	5.0000	mg/kg	88.2	0.9	85 - 115	20		2
a,a,a-Trifluorotoluene (FID Surrogate)	B164901-BS1	LCS	0.037000	0.040000	mg/kg	92.5		70 - 130			1
	B164901-BSD1	LCSD	0.039000	0.040000	mg/kg	97.5	5.3	70 - 130			2
QC Batch ID: B164903											
Gasoline Range Organics (C4 - C12)	B164903-BS1	LCS	5.0280	5.0000	mg/kg	101		85 - 115			3
	B164903-BSD1	LCSD	4.9930	5.0000	mg/kg	99.9	0.7	85 - 115	20		4
a,a,a-Trifluorotoluene (FID Surrogate)	B164903-BS1	LCS	0.035000	0.040000	mg/kg	87.5		70 - 130			3
	B164903-BSD1	LCSD	0.037000	0.040000	mg/kg	92.5	5.6	70 - 130			4

	_		_	_	Run		_	
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164901-BS1	LCS	EPA-8015B	04/26/23	04/26/23 13:32	SEM	GC-V8	1
2	B164901-BSD1	LCSD	EPA-8015B	04/26/23	04/26/23 14:11	SEM	GC-V8	1
3	B164903-BS1	LCS	EPA-8015B	04/26/23	04/26/23 21:53	SEM	GC-V8	1
4	B164903-BSD1	LCSD	EPA-8015B	04/26/23	04/26/23 22:19	SEM	GC-V8	1

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

									Cont	rol Limits		
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	R#
QC Batch ID: B164901	Use	d client sampl	e: Y - Des	scription: B-1	@ 0'-1' - Si	Ity SAND v	w/ Grav	rel (SM), 04	/17/20	23 15:00		_
Gasoline Range Organics (C4 - C12)	MS	2307961-01	ND	4.2570	5.0000	mg/kg		85.1		70 - 130		1
	MSD	2307961-01	ND	4.2820	5.0000	mg/kg	0.6	85.6	20	70 - 130		2
a,a,a-Trifluorotoluene (FID Surrogate)	MS	2307961-01	ND	0.034000	0.040000	mg/kg		85.0		70 - 130		1
	MSD	2307961-01	ND	0.034000	0.040000	mg/kg	0	85.0		70 - 130		2
QC Batch ID: B164903	Use	d client sampl	e: Y - Des	scription: B-1	0 @ 1'-2' - 8	Silty SAND	w/ Gra	ivel (SM), 0	4/17/2	023 15:00		
Gasoline Range Organics (C4 - C12)	MS	2307961-20	ND	3.6470	5.0000	mg/kg		72.9		70 - 130		3
	MSD	2307961-20	ND	3.4330	5.0000	mg/kg	6.0	68.7	20	70 - 130	Q03	4
a,a,a-Trifluorotoluene (FID Surrogate)	MS	2307961-20	ND	0.039000	0.040000	mg/kg		97.5		70 - 130		3
	MSD	2307961-20	ND	0.039000	0.040000	mg/kg	0	97.5		70 - 130		4

					Run			
Run #	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164901-MS1	MS	EPA-8015B	04/26/23	04/26/23 15:00	SEM	GC-V8	1
2	B164901-MSD1	MSD	EPA-8015B	04/26/23	04/26/23 15:26	SEM	GC-V8	1
3	B164903-MS1	MS	EPA-8015B	04/26/23	04/27/23 09:58	SEM	GC-V8	1
4	B164903-MSD1	MSD	EPA-8015B	04/26/23	04/27/23 10:21	SEM	GC-V8	1

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000 Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B165182							
TPH - Diesel (FFP)	B165182-BLK1	ND	mg/kg	10	2.2		1
TPH - Motor Oil	B165182-BLK1	ND	mg/kg	20	7.0		1
Tetracosane (Surrogate)	B165182-BLK1	83.3	%	40 - 13	0 (LCL - UCL)		1
QC Batch ID: B165278							
TPH - Diesel (FFP)	B165278-BLK1	ND	mg/kg	10	2.2		2
TPH - Motor Oil	B165278-BLK1	ND	mg/kg	20	7.0		2
Tetracosane (Surrogate)	B165278-BLK1	70.2	%	40 - 13	0 (LCL - UCL)		2

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B165182-BLK1	РВ	EPA-8015B/FFP	04/28/23	05/01/23 06:25	BUP	GC-19	0.984
2	B165278-BLK1	РВ	EPA-8015B/FFP	04/28/23	05/01/23 16:33	BUP	GC-2	1.003

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11423595

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com

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Report ID: 1001423595



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

								Control L	imits		
				Spike		Percent		Percent		Lab	
Constituent	QC Sample ID	Type	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals	Run #
QC Batch ID: B165182											
TPH - Diesel (FFP)	B165182-BS1	LCS	67.930	84.459	mg/kg	80.4		64 - 124			1
Tetracosane (Surrogate)	B165182-BS1	LCS	2.7365	3.3784	mg/kg	81.0		40 - 130			1
QC Batch ID: B165278											
TPH - Diesel (FFP)	B165278-BS1	LCS	59.717	82.781	mg/kg	72.1		64 - 124			2
Tetracosane (Surrogate)	B165278-BS1	LCS	2.4932	3.3113	mg/kg	75.3		40 - 130			2

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B165182-BS1	LCS	EPA-8015B/FFP	04/28/23	05/01/23 06:51	BUP	GC-19	1.014
2	B165278-BS1	LCS	EPA-8015B/FFP	04/28/23	05/01/23 16:56	BUP	GC-2	0.993

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals R#
QC Batch ID: B165182	Use	d client samp	le: Y - Des	cription: B-1	1 @ 0'-1' - \$	Silty SAND	w/ Gra	vel (SM), 0	4/17/2	023 15:00	
TPH - Diesel (FFP)	MS	2307961-21	8.8517	63.662	82.237	mg/kg		66.6		52 - 131	1
	MSD	2307961-21	8.8517	71.523	83.056	mg/kg	11.6	75.5	30	52 - 131	2
Tetracosane (Surrogate)	MS	2307961-21	ND	2.1247	3.2895	mg/kg		64.6		40 - 130	1
	MSD	2307961-21	ND	2.4924	3.3223	mg/kg	15.9	75.0		40 - 130	2
QC Batch ID: B165278	Use	d client samp	le: Y - Des	cription: B-4	@ 0'-1' - S	ilty SAND ((SM), 0	4/17/2023	15:00		
TPH - Diesel (FFP)	MS	2307961-07	18.284	73.698	83.056	mg/kg		66.7		52 - 131	3
	MSD	2307961-07	18.284	75.370	82.781	mg/kg	2.2	69.0	30	52 - 131	4
Tetracosane (Surrogate)	MS	2307961-07	ND	2.1065	3.3223	mg/kg		63.4		40 - 130	3
	MSD	2307961-07	ND	1.8129	3.3113	mg/kg	15.0	54.7		40 - 130	4

					Run			
Run #	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B165182-MS1	MS	EPA-8015B/FFP	04/28/23	05/01/23 07:43	BUP	GC-19	0.987
2	B165182-MSD1	MSD	EPA-8015B/FFP	04/28/23	05/01/23 08:10	BUP	GC-19	0.997
3	B165278-MS1	MS	EPA-8015B/FFP	04/28/23	05/01/23 17:18	BUP	GC-2	0.997
4	B165278-MSD1	MSD	EPA-8015B/FFP	04/28/23	05/01/23 17:41	BUP	GC-2	0.993

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

-				B.C.			
Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B164836							
Antimony	B164836-BLK1	ND	mg/kg	5.0	0.33		1
Arsenic	B164836-BLK1	ND	mg/kg	1.0	0.40		1
Barium	B164836-BLK1	ND	mg/kg	0.50	0.18		1
Beryllium	B164836-BLK1	ND	mg/kg	0.50	0.047		1
Cadmium	B164836-BLK1	ND	mg/kg	0.50	0.052		1
Chromium	B164836-BLK1	0.38389	mg/kg	0.50	0.050	J	1
Cobalt	B164836-BLK1	ND	mg/kg	2.5	0.098		1
Copper	B164836-BLK1	ND	mg/kg	1.0	0.050		1
Lead	B164836-BLK1	ND	mg/kg	2.5	0.41		1
Molybdenum	B164836-BLK1	0.059495	mg/kg	2.5	0.050	J	1
Nickel	B164836-BLK1	0.30832	mg/kg	0.50	0.15	J	1
Selenium	B164836-BLK1	ND	mg/kg	1.0	0.98		1
Silver	B164836-BLK1	ND	mg/kg	0.50	0.067		1
Thallium	B164836-BLK1	ND	mg/kg	5.0	0.64		1
Vanadium	B164836-BLK1	ND	mg/kg	0.50	0.11		1
Zinc	B164836-BLK1	ND	mg/kg	2.5	0.087		1
QC Batch ID: B164837							
Antimony	B164837-BLK1	ND	mg/kg	5.0	0.33		2
Arsenic	B164837-BLK1	ND	mg/kg	1.0	0.40		2
Barium	B164837-BLK1	0.66940	mg/kg	0.50	0.18	M01	2
Beryllium	B164837-BLK1	ND	mg/kg	0.50	0.047		2
Cadmium	B164837-BLK1	ND	mg/kg	0.50	0.052		2
Chromium	B164837-BLK1	0.38883	mg/kg	0.50	0.050	J	2
Cobalt	B164837-BLK1	ND	mg/kg	2.5	0.098		2
Copper	B164837-BLK1	0.12519	mg/kg	1.0	0.050	J	2
Lead	B164837-BLK1	ND	mg/kg	2.5	0.41		2
Molybdenum	B164837-BLK1	ND	mg/kg	2.5	0.050		2
Nickel	B164837-BLK1	0.33682	mg/kg	0.50	0.15	J	2
Selenium	B164837-BLK1	ND	mg/kg	1.0	0.98		2
Silver	B164837-BLK1	ND	mg/kg	0.50	0.067		2
Thallium	B164837-BLK1	ND	mg/kg	5.0	0.64		2
Vanadium	B164837-BLK1	ND	mg/kg	0.50	0.11		2
Zinc	B164837-BLK1	0.22245	mg/kg	2.5	0.087	J	2



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B165112							
Mercury	B165112-BLK1	ND	mg/kg	0.16	0.016		3
QC Batch ID: B165195							
Mercury	B165195-BLK1	ND	mg/kg	0.16	0.016		4

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164836-BLK1	РВ	EPA-6010B	04/25/23	04/28/23 20:08	JCC	PE-OP3	1
2	B164837-BLK1	РВ	EPA-6010B	04/25/23	04/28/23 10:40	JCC	PE-OP3	1
3	B165112-BLK1	РВ	EPA-7471A	04/28/23	04/28/23 14:16	TMT	CETAC3	1
4	B165195-BLK1	РВ	EPA-7471A	05/01/23	05/01/23 13:08	TMT	CETAC3	1



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

								Control L	imits		
		_		Spike		Percent		Percent		Lab	_ "
Constituent	QC Sample ID	Туре	Result	Level	Units	Recovery	RPD	Recovery	RPU	Quals	Run #
QC Batch ID: B164836			00.000	400.00		00.0		75 405			
Antimony	B164836-BS1	LCS	96.890	100.00	mg/kg	96.9		75 - 125			
Arsenic	B164836-BS1	LCS	18.840	20.000	mg/kg	94.2		75 - 125			1
Barium	B164836-BS1	LCS	109.07	100.00	mg/kg	109		75 - 125			1
Beryllium	B164836-BS1	LCS	9.8514	10.000	mg/kg	98.5		75 - 125			1
Cadmium	B164836-BS1	LCS	10.084	10.000	mg/kg	101		75 - 125			1
Chromium	B164836-BS1	LCS	101.86	100.00	mg/kg	102		75 - 125			1
Cobalt	B164836-BS1	LCS	105.44	100.00	mg/kg	105		75 - 125			1
Copper	B164836-BS1	LCS	99.250	100.00	mg/kg	99.3		75 - 125			1
Lead	B164836-BS1	LCS	107.58	100.00	mg/kg	108		75 - 125			1
Molybdenum	B164836-BS1	LCS	101.42	100.00	mg/kg	101		75 - 125			1
Nickel	B164836-BS1	LCS	108.54	100.00	mg/kg	109		75 - 125			1
Selenium	B164836-BS1	LCS	17.076	20.000	mg/kg	85.4		75 - 125			1
Silver	B164836-BS1	LCS	9.5735	10.000	mg/kg	95.7		75 - 125			1
Thallium	B164836-BS1	LCS	105.52	100.00	mg/kg	106		75 - 125			1
Vanadium	B164836-BS1	LCS	100.85	100.00	mg/kg	101		75 - 125			1
Zinc	B164836-BS1	LCS	101.71	100.00	mg/kg	102		75 - 125			1
QC Batch ID: B164837											
Antimony	B164837-BS1	LCS	94.856	100.00	mg/kg	94.9		75 - 125			2
Arsenic	B164837-BS1	LCS	18.670	20.000	mg/kg	93.4		75 - 125			2
Barium	B164837-BS1	LCS	110.65	100.00	mg/kg	111		75 - 125			2
Beryllium	B164837-BS1	LCS	9.4813	10.000	mg/kg	94.8		75 - 125			2
Cadmium	B164837-BS1	LCS	9.9135	10.000	mg/kg	99.1		75 - 125			2
Chromium	B164837-BS1	LCS	99.950	100.00	mg/kg	99.9		75 - 125			2
Cobalt	B164837-BS1	LCS	102.19	100.00	mg/kg	102		75 - 125			2
Copper	B164837-BS1	LCS	96.402	100.00	mg/kg	96.4		75 - 125			2
Lead	B164837-BS1	LCS	104.91	100.00	mg/kg	105		75 - 125			2
Molybdenum	B164837-BS1	LCS	97.374	100.00	mg/kg	97.4		75 - 125			2
Nickel	B164837-BS1	LCS	104.61	100.00	mg/kg	105		75 - 125			2
Selenium	B164837-BS1	LCS	16.655	20.000	mg/kg	83.3		75 - 125			2
Silver	B164837-BS1	LCS	9.3485	10.000	mg/kg	93.5		75 - 125			2
Thallium	B164837-BS1	LCS	103.46	100.00	mg/kg	103		75 - 125			2
Vanadium	B164837-BS1	LCS	98.547	100.00	mg/kg	98.5		75 - 125			2
		LCS	97.954								



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000
Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

								Control L	imits		
Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals	Run #
QC Batch ID: B165112											
Mercury	B165112-BS1	LCS	0.79680	0.80000	mg/kg	99.6		80 - 120			3
QC Batch ID: B165195											
Mercury	B165195-BS1	LCS	0.72320	0.80000	mg/kg	90.4		80 - 120			4

					Run			
Run#	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164836-BS1	LCS	EPA-6010B	04/25/23	04/28/23 20:09	JCC	PE-OP3	1
2	B164837-BS1	LCS	EPA-6010B	04/25/23	04/28/23 10:42	JCC	PE-OP3	1
3	B165112-BS1	LCS	EPA-7471A	04/28/23	04/28/23 14:20	TMT	CETAC3	1
4	B165195-BS1	LCS	EPA-7471A	05/01/23	05/01/23 13:10	TMT	CETAC3	1



16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Con	trol Limits		
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	R
QC Batch ID: B164836	Use	ed client samp	ole: Y - Des	cription: B-1	@ 1'-2' - Si	Ity SAND	w/ Grav	/el (SM), 04	/17/20	23 15:00		_
Antimony	 DUP	2307961-02	0.99476	1.2027		mg/kg	18.9	, ,,	20		J	1
•	MS	2307961-02	0.99476	32.750	100.00	mg/kg		31.8		16 - 119		2
	MSD	2307961-02	0.99476	35.212	100.00	mg/kg	7.2	34.2	20	16 - 119		3
Arsenic	DUP	2307961-02	4.4757	4.2925		mg/kg	4.2		20			1
	MS	2307961-02	4.4757	19.629	20.000	mg/kg		75.8		75 - 125		2
	MSD	2307961-02	4.4757	20.032	20.000	mg/kg	2.0	77.8	20	75 - 125		3
Barium	DUP	2307961-02	27.926	32.451		mg/kg	15.0		20			1
	MS	2307961-02	27.926	128.99	100.00	mg/kg		101		75 - 125		2
	MSD	2307961-02	27.926	126.47	100.00	mg/kg	2.0	98.5	20	75 - 125		3
Beryllium	DUP	2307961-02	0.14729	0.15091		mg/kg	2.4		20		J	1
	MS	2307961-02	0.14729	8.9178	10.000	mg/kg		87.7		75 - 125		2
	MSD	2307961-02	0.14729	8.9916	10.000	mg/kg	8.0	88.4	20	75 - 125		3
Cadmium	DUP	2307961-02	0.39841	0.55994		mg/kg	33.7		20		A02	1
	MS	2307961-02	0.39841	9.5151	10.000	mg/kg		91.2		75 - 125		2
	MSD	2307961-02	0.39841	9.6290	10.000	mg/kg	1.2	92.3	20	75 - 125		3
Chromium	DUP	2307961-02	17.682	20.047		mg/kg	12.5		20			1
	MS	2307961-02	17.682	108.41	100.00	mg/kg		90.7		75 - 125		2
	MSD	2307961-02	17.682	107.58	100.00	mg/kg	8.0	89.9	20	75 - 125		3
Cobalt	DUP	2307961-02	4.6808	5.2708		mg/kg	11.9		20			1
	MS	2307961-02	4.6808	95.354	100.00	mg/kg		90.7		75 - 125		2
	MSD	2307961-02	4.6808	94.641	100.00	mg/kg	8.0	90.0	20	75 - 125		3
Copper	DUP	2307961-02	8.5564	31.291		mg/kg	114		20		Q01	1
	MS	2307961-02	8.5564	101.47	100.00	mg/kg		92.9		75 - 125		2
	MSD	2307961-02	8.5564	97.161	100.00	mg/kg	4.3	88.6	20	75 - 125		3
Lead	DUP	2307961-02	12.947	14.323		mg/kg	10.1		20			1
	MS	2307961-02	12.947	105.43	100.00	mg/kg		92.5		75 - 125		2
	MSD	2307961-02	12.947	105.99	100.00	mg/kg	0.5	93.0	20	75 - 125		3
Molybdenum	DUP	2307961-02	2.1233	1.6838		mg/kg	23.1		20		J,A02	1
	MS	2307961-02	2.1233	87.092	100.00	mg/kg		85.0		75 - 125		2
	MSD	2307961-02	2.1233	88.992	100.00	mg/kg	2.2	86.9	20	75 - 125		3
Nickel	DUP	2307961-02	11.496	13.589		mg/kg	16.7		20			1
	MS	2307961-02	11.496	104.77	100.00	mg/kg		93.3		75 - 125		2
	MSD	2307961-02	11.496	106.56	100.00	mg/kg	1.7	95.1	20	75 - 125		3
Selenium	DUP	2307961-02	2.0416	2.9493		mg/kg	36.4		20		A02	1
	MS	2307961-02	2.0416	16.276	20.000	mg/kg		71.2		75 - 125	Q03	2
	MSD	2307961-02	2.0416	17.219	20.000	mg/kg	5.6	75.9	20	75 - 125		3
Silver	DUP	2307961-02	0.43545	0.44317		mg/kg	1.8		20		J	1
	MS	2307961-02	0.43545	9.2176	10.000	mg/kg		87.8		75 - 125		2
	MSD	2307961-02	0.43545	9.1695	10.000	mg/kg	0.5	87.3	20	75 - 125		3

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16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits		
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	R#
QC Batch ID: B164836	Use	ed client samp	ole: Y - Des	cription: B-1	@ 1'-2' - Si	Itv SAND	w/ Grav	el (SM), 04	/17/20	23 15:00		
Thallium	DUP	2307961-02	ND	ND		mg/kg		(=::,), = :	20			1
	MS	2307961-02	ND	87.346	100.00	mg/kg		87.3		75 - 125		2
	MSD	2307961-02	ND	90.216	100.00	mg/kg	3.2	90.2	20	75 - 125		3
Vanadium	DUP	2307961-02	13.993	14.669		mg/kg	4.7		20			1
	MS	2307961-02	13.993	106.15	100.00	mg/kg		92.2		75 - 125		2
	MSD	2307961-02	13.993	103.70	100.00	mg/kg	2.3	89.7	20	75 - 125		3
Zinc	DUP	2307961-02	24.642	46.471		mg/kg	61.4		20		Q01	1
	MS	2307961-02	24.642	115.49	100.00	mg/kg		90.8		75 - 125		2
	MSD	2307961-02	24.642	111.92	100.00	mg/kg	3.1	87.3	20	75 - 125		3
QC Batch ID: B164837	Use	ed client samp	ole: N									_
Antimony	DUP	2307939-01	1.4347	1.9754		mg/kg	31.7		20		J,A02	4
•	MS	2307939-01	1.4347	24.796	100.00	mg/kg		23.4		16 - 119	•	5
	MSD	2307939-01	1.4347	26.278	100.00	mg/kg	5.8	24.8	20	16 - 119		6
Arsenic	DUP	2307939-01	5.3291	6.0575		mg/kg	12.8		20			4
	MS	2307939-01	5.3291	19.567	20.000	mg/kg		71.2		75 - 125	Q03	5
	MSD	2307939-01	5.3291	21.099	20.000	mg/kg	7.5	78.9	20	75 - 125		6
Barium	DUP	2307939-01	79.326	79.818		mg/kg	0.6		20			4
	MS	2307939-01	79.326	175.68	100.00	mg/kg		96.4		75 - 125		5
	MSD	2307939-01	79.326	177.64	100.00	mg/kg	1.1	98.3	20	75 - 125		6
Beryllium	DUP	2307939-01	0.16179	0.16314		mg/kg	0.8		20		J	4
	MS	2307939-01	0.16179	8.8147	10.000	mg/kg		86.5		75 - 125		5
	MSD	2307939-01	0.16179	8.7797	10.000	mg/kg	0.4	86.2	20	75 - 125		6
Cadmium	DUP	2307939-01	0.22955	0.22175		mg/kg	3.5		20		J	4
	MS	2307939-01	0.22955	9.4788	10.000	mg/kg		92.5		75 - 125		5
	MSD	2307939-01	0.22955	9.4812	10.000	mg/kg	0.0	92.5	20	75 - 125		6
Chromium	DUP	2307939-01	10.592	10.584		mg/kg	0.1		20			4
	MS	2307939-01	10.592	100.68	100.00	mg/kg		90.1		75 - 125		5
	MSD	2307939-01	10.592	101.53	100.00	mg/kg	0.8	90.9	20	75 - 125		6
Cobalt	DUP	2307939-01	5.6388	5.5578		mg/kg	1.4		20			4
	MS	2307939-01	5.6388	94.926	100.00	mg/kg		89.3		75 - 125		5
	MSD	2307939-01	5.6388	94.633	100.00	mg/kg	0.3	89.0	20	75 - 125		6
Copper	DUP	2307939-01	10.013	10.008		mg/kg	0.0		20			4
	MS	2307939-01	10.013	103.70	100.00	mg/kg		93.7		75 - 125		5
	MSD	2307939-01	10.013	103.12	100.00	mg/kg	0.6	93.1	20	75 - 125		6
Lead	DUP	2307939-01	1.8112	1.5077		mg/kg	18.3		20		J	4
	MS	2307939-01	1.8112	92.333	100.00	mg/kg		90.5		75 - 125		5
	MSD	2307939-01	1.8112	92.865	100.00	mg/kg	0.6	91.1	20	75 - 125		6

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16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

				•			•					
									Con	trol Limits		
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	R#
	1		ala. NI									
QC Batch ID: B164837	_	ed client sam										
Molybdenum	DUP	2307939-01	3.3860	2.8484		mg/kg	17.2		20			4
	MS	2307939-01	3.3860	83.750	100.00	mg/kg		80.4		75 - 125		5
	MSD	2307939-01	3.3860	84.232	100.00	mg/kg	0.6	80.8	20	75 - 125		6
Nickel	DUP	2307939-01	9.4964	9.4521		mg/kg	0.5		20			4
	MS	2307939-01	9.4964	99.300	100.00	mg/kg		89.8		75 - 125		5
	MSD	2307939-01	9.4964	99.001	100.00	mg/kg	0.3	89.5	20	75 - 125		6
Selenium	DUP	2307939-01	2.6013	2.4323		mg/kg	6.7		20			4
	MS	2307939-01	2.6013	16.518	20.000	mg/kg		69.6		75 - 125	Q03	5
	MSD	2307939-01	2.6013	17.995	20.000	mg/kg	8.6	77.0	20	75 - 125		6
Silver	DUP	2307939-01	0.85144	0.96597		mg/kg	12.6		20			4
	MS	2307939-01	0.85144	9.4289	10.000	mg/kg		85.8		75 - 125		5
	MSD	2307939-01	0.85144	9.2626	10.000	mg/kg	1.8	84.1	20	75 - 125		6
Thallium	DUP	2307939-01	ND	ND		mg/kg			20			4
	MS	2307939-01	ND	80.407	100.00	mg/kg		80.4		75 - 125		5
	MSD	2307939-01	ND	80.640	100.00	mg/kg	0.3	80.6	20	75 - 125		6
Vanadium	DUP	2307939-01	27.598	27.625		mg/kg	0.1		20			4
	MS	2307939-01	27.598	118.97	100.00	mg/kg		91.4		75 - 125		5
	MSD	2307939-01	27.598	118.71	100.00	mg/kg	0.2	91.1	20	75 - 125		6
Zinc	DUP	2307939-01	31.553	31.423		mg/kg	0.4		20			4
	MS	2307939-01	31.553	116.94	100.00	mg/kg		85.4		75 - 125		5
	MSD	2307939-01	31.553	118.35	100.00	mg/kg	1.2	86.8	20	75 - 125		6
QC Batch ID: B165112	Use	ed client sam	ole: Y - Des	scription: B-1	l @ 0'-1' - Si	Ity SAND	w/ Grav	el (SM), 04	1/17/20	23 15:00		
Mercury	_ DUP	2307961-01	0.038889	0.039048	Ü	mg/kg	0.4	(//	20		J	7
,	MS	2307961-01	0.038889	0.76984	0.79365	mg/kg		92.1		80 - 120		8
	MSD	2307961-01	0.038889	0.83810	0.79365	mg/kg	8.5	101	20	80 - 120		9
QC Batch ID: B165195	Use	ed client sam	ole: N									
Mercury	_ DUP	2308308-01	0.17656	0.16094		mg/kg	9.3		20			10
-	MS	2308308-01	0.17656	0.93594	0.78125	mg/kg		97.2		80 - 120		11
	MSD	2308308-01	0.17656	1.0188	0.78125	mg/kg	8.5	108	20	80 - 120		12
-												



16 Technology Dr. Irvine, CA 92618 **Reported:** 05/10/2023 9:06

Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

					Run			
Run #	QC Sample ID	QC Type	Method	Prep Date	Date Time	Analyst	Instrument	Dilution
1	B164836-DUP1	DUP	EPA-6010B	04/25/23	04/28/23 20:13	JCC	PE-OP3	1
2	B164836-MS1	MS	EPA-6010B	04/25/23	04/28/23 20:16	JCC	PE-OP3	1
3	B164836-MSD1	MSD	EPA-6010B	04/25/23	04/28/23 20:18	JCC	PE-OP3	1
4	B164837-DUP1	DUP	EPA-6010B	04/25/23	04/28/23 10:45	JCC	PE-OP3	1
5	B164837-MS1	MS	EPA-6010B	04/25/23	04/28/23 10:48	JCC	PE-OP3	1
6	B164837-MSD1	MSD	EPA-6010B	04/25/23	04/28/23 10:49	JCC	PE-OP3	1
7	B165112-DUP1	DUP	EPA-7471A	04/28/23	04/28/23 14:25	TMT	CETAC3	0.992
8	B165112-MS1	MS	EPA-7471A	04/28/23	04/28/23 14:27	TMT	CETAC3	0.992
9	B165112-MSD1	MSD	EPA-7471A	04/28/23	04/28/23 14:29	TMT	CETAC3	0.992
10	B165195-DUP1	DUP	EPA-7471A	05/01/23	05/01/23 13:17	TMT	CETAC3	0.977
11	B165195-MS1	MS	EPA-7471A	05/01/23	05/01/23 13:29	TMT	CETAC3	0.977
12	B165195-MSD1	MSD	EPA-7471A	05/01/23	05/01/23 13:21	TMT	CETAC3	0.977



Estimated Value (CLP Flag)

Universal Engineering (UES)

16 Technology Dr. Irvine, CA 92618

Reported: 05/10/2023 9:06 Project: 4540.2300006.000

Project Number: 197 W. Grand Ave.-Phase II

Project Manager: Dean Stanphill

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A10	Detection and quantitation limits were raised due to matrix interference.
A17	Surrogate not reportable due to sample dilution.
A52	Chromatogram not typical of diesel.
A57	Chromatogram not typical of motor oil.
M01	Analyte detected in the Method Blank at or above the PQL.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S09	The surrogate recovery for this compound was not within the control limits.

Report ID: 1001423595



Previous Reports



PHASE I ENVIRONMENTAL SITE ASSESSMENT

197 West Grand Avenue
Grover Beach, California 93433
San Luis Obispo County Parcel Number's: 060-203-006 & 060-203-006



Prepared for:

Coastal Community Builders 330 James Way, suite 270

Pismo Beach CA 93449 Attention: Cam Boyd

04-19-2022

4540.2200003.0000



Coastal Community Builders 330 James Way, Suite 270 Pismo Beach CA 93449 Attention: Cam Boyd

Re: Phase I Environmental Site Assessment

197 West Grand Ave Grover Beach, CA 93433

APN/Parcel: 060-203-006 & 060-203-006

Proposal No. 4540.0422.00001

In accordance with our Proposal No. 4540.0422.00001, dated April 11th, 2022, UES has performed a Phase I Environmental Site Assessment (ESA) of the referenced property. We urge you to read the entire report and to contact the undersigned with any questions or concerns you may have about it.

A Phase I ESA comprises a number of individual elements, the basic nature and extent of which are determined in accordance with the standard of care applicable to Phase I ESAs. The standard of care is commonly defined as the care applied by the ordinary practitioner at the time and in the area where the ESA was performed. We believe that we have complied with the applicable standard of care.

The accompanying report is an instrument of service of UES. The report summarizes our findings and relates our opinions with respect to the potential for hazardous materials to exist at the property at levels likely to warrant mitigation pursuant to current regulatory guidelines. Note that our findings and opinions are based on information that we obtained on given dates, through records review, property reconnaissance, interviews and related activities. It is possible that other information exists or subsequently has become known, just as it is possible for conditions, we observed to have changed after our observation. For these and associated reasons, UES and many of its peers routinely advise clients for ESA services that it would be a mistake to place unmerited faith in findings and opinions conveyed via ESA reports. UES cannot under any circumstances warrant or guarantee that not finding indicators of hazardous materials means that hazardous materials do not exist on the subject property. Additional research, including invasive testing, can reduce your risks, but no techniques now commonly employed can eliminate these risks altogether. UES will be pleased to provide more information in this regard at your request.

We appreciate the opportunity to be of assistance. Please contact the undersigned if you have any questions.

Respectfully submitted,

Dean Stanphill

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FIGURES

Figure 1 Project Location Map

Figure 2 Site Map

APPENDICES

User Questionnaire

Aerial Photographs, Topographic Maps, and Sanborn Fire Insurance Maps

City Directory Listings

Assessor's Map and Parcel Information

Radius Map Report

Vapor Encroachment Screen

Photographs

Interview Documentation

Resumes

Limitations

GLOSSARY OF ENVIRONMENTAL ACRONYMS

AAI - All Appropriate Inquiry

AST - Aboveground Storage Tank

ASTM - American Society for Testing and Materials

AUL - Activity and Use Limitations

B/VCP - Brownfields/Voluntary Cleanup Program

BLS - Below Land Surface

CERCLA - Comprehensive Environmental Response, Compensation and Liability Act

CERCLIS - Comprehensive Environmental Response, Compensation and Liability

Information System

COC - Chemicals of Concern

CREC - Controlled Recognized Environmental Condition

CORRACTS - Corrective Action Report

DERT - Dry-cleaning Environmental Response Trust

DRO - Diesel Range Organics

DTL - Default Target Level

EDR - Environmental Data Resources, Inc.

EP - Environmental Professional

ERNS - Emergency Response Notification System

ESA - Environmental Site Assessment

FINDS - Facility Index System FUDS - Formerly Used Defense Site

GRO - Gasoline Range Organics

HREC - Historical Recognized Environmental Condition

LQG - Large Quantity Generator

LUST - Leaking Underground Storage Tank

MINES - Mines Master Index File

NFRAP - No Further Remedial Action Planned

NPDES - National Pollution Discharge Elimination System

NPL - National Priority List

ORO - Oil Range Organics

PAH - Polycyclic Aromatic Hydrocarbons

PCB - Polychlorinated Biphenyl

PID - Photoionization Detector

PSTIF - Petroleum Storage Tank Insurance Fund

REC - Recognized Environmental Condition

RBTL - Risk-Based Target Level

RCRIS - Resource Conservation and Recovery Information System

RCRA - Resource Conservation and Recovery Act

ROD-Record of Decision

SHWS - State Hazardous Waste Site

SQG - Small Quantity Generator

SRP - Site Remediation Program

SWF/LS or SWF/LF - Solid Waste Facility/Landfill Site

TPH - Total Petroleum Hydrocarbons

TSD - Transport, Storage and Disposal Facility

USGS - United States Geological Survey

USEPA - United States Environmental Protection Agency

UST - Underground Storage Tank

VAP - Voluntary Action Program

VCP - Voluntary Cleanup Program

VOC - Volatile Organic Compound

EXECUTIVE SUMMARY

This report presents the findings of a Phase I Environmental Site Assessment (ESA) performed on the subject property addressed at 197 West Grand Avenue in the City of Grover Beach, San Luis Obispo County, California. Universal Engineering Sciences (UES) conducted this investigation for the purpose of identifying recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), and/or controlled recognized environmental conditions (CRECs) on the subject property in accordance with the 2013 and 2021 ASTM International standard practice for the performance of Phase I Environmental Site Assessments (ASTM E 1527-13/21). The U.S. Environmental Protection Agency (EPA) has endorsed this practice as satisfying the requirements of All Appropriate Inquiry (AAI). UES performed this work for Coastal Community Builders (User). Any exceptions to, or deletions from, this practice are described in Section 7 of this report.

Site Description and Use

The subject property is located at 197 West Grand Avenue, Grover Beach, San Luis Obispo County and is identified with the County APN's 060-203-006 & 060-203-006. The property is bounded by Le Sage Riviera RV Park to the northwest, a commercial district to the north and east, and by the Grand Ave Beach & Grover Beach side parks to the south and west. The Southern Pacific Guadalupe Line Railroad runs the length of the western edge of the property. This railroad is separated from the subject property by a 10-footwide unpaved access roadway. The



Figure 1: Ariel imagery of the site and surrounding area (Google EarthPro, 2022).

greater area contains residential districts and golf course country clubs. The Pacific Ocean is less than $\frac{1}{2}$ mile to the west of the subject site. The area of concern for this Phase I consists of approximately area of 0.979 acres.

The site is currently used as an All-Terrain-Vehicle (ATV) commercial operation. This operation includes rentals, sales, parts, and mechanical upkeep of ATV's. There is commercial building on the south side of the subject site that sells parts and rentals. The northern portion is primarily occupied by the storage of equipment and ATV's.

Historical Document Review

Based on historical document review the subject property was originally developed in the late 1950's with a single structure on the south side. By 1994 the current arrangement of commercial buildings had been developed. The earliest record of the subject property is the 1897 USGS topographic map. This, earliest, map shows a dirt road in the approximate position of modern-day West Grand Avenue the Southern Pacific Guadalupe Line Railroad intersection on the southwest corner of the subject site. By 1942 Grover City is present with city streets and sparse development adjacent to the subject site. The first structure on the site is recorded on the 1965 topographic map.

Conclusion

Upon conclusion of our Phase I ESA, and based on the information reviewed, this assessment has revealed evidence of recognized environmental condition in connection with the subject property. Soil and concrete staining was observed throughout the site during our field inspections on 04-25-2022. **This soil staining is considered a REC** and UES is of the opinion that additional environmental investigations at the subject property are warranted at this time.

1.0 INTRODUCTION

1.1 Purpose

This report presents the findings of a Phase I Environmental Site Assessment (ESA) performed on the property addressed at 197 West Grand Avenue in Grover City, San Luis Obispo County, California, and hereafter referred to as the subject property. Universal Engineering Sciences (UES) conducted this investigation for the purpose of identifying recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), and/or controlled recognized environmental conditions (CRECs) on the subject property in accordance with the 2013/2021 ASTM International standard practice for the performance of Phase I Environmental Site Assessments (ASTM E 1527-13/21). The U.S. Environmental Protection Agency (EPA) has endorsed this practice as satisfying the requirements of All Appropriate Inquiry (AAI).

As defined in ASTM E 1527-13/21, the term REC means (1) the presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on or at the subject property under conditions that pose a material threat of a future release to the environment. The term REC is not intended to include de minimis conditions which are conditions related to a release that generally do not present a threat to human health or the environment and which generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

A HREC is a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities (to current regulatory standards) without subjecting the subject property any controls. A HREC will not be considered a REC per ASTM E 1527-13/21.

A CREC is a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (i.e., activity and use limitations or other property use limitations).

1.2 Scope of Work

The scope of work performed, and procedures utilized included the following tasks:

- Subject property reconnaissance and observation of adjoining properties and vicinity by a qualified person under the direct supervision of a UES Environmental Professional
- Environmental and physical setting review to assess geologic, hydrogeologic, hydrologic and topographic characteristics of the subject property, and to determine potential pathways for the migration of contaminants including solids and liquids at the surface or subsurface, and vapor in the subsurface;

- Review of site history/land use through city directory listings, historical aerial photographs, historical topographic maps, fire insurance maps (if ascertainable), local jurisdiction records, and personal interviews/questionnaires;
- Review of regulatory agency records to identify and assess any listings of regulatory permits, registrations, or enforcement actions at the subject property, adjoining properties, or proximal sites (if necessary), through both a commercial database search and agency inquiries;
- Interview with the User to obtain various User-required information about the subject property as required under the ASTM standard and the AAI rule;
- Interviews with the Owner and Various Agencies to ascertain past and current uses of the subject property, adjoining properties or the surrounding area which may provide information about the subject property history and assist in identifying RECs, HRECs and CRECs;
- Preparation of this report that describes all work performed and presents a discussion of the findings and conclusions.

1.3 Conditions of Contract

UES performed this work for Coastal Community Builders (User) pursuant to our proposal 4540.0422.00001 dated April 11th, 2022 and executed by the User on April 11th, 2022. It is our understanding that this Phase I ESA was conducted as an environmental due diligence effort in connection with a prospective commercial real estate transaction.

1.4 Significant Assumptions

This Phase I ESA was conducted in accordance with the assumptions and limitations contained within ASTM Standard Practice for Environmental Site Assessments - Phase I Environmental Site Assessment Process, ASTM E1527-13/21.

As stated in ASTM E1527-13/21 Section 4.5.1, no environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a subject property. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a subject property and recognizes reasonable limits of time and cost.

Additionally, portions of this Phase I ESA are based on unverified information supplied to UES by third-party sources. In accordance with ASTM E1527-13/21 Section 7.5.2.1, an EP is not required to verify independently the information provided by third-party sources, unless the EP has actual knowledge that the information is incorrect, or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I ESA.

1.5 Special Terms and Conditions

The findings of this Phase I ESA are based on the completeness and accuracy of the data and observed conditions of the subject property as of the indicated subject property reconnaissance date, and when publicly available information was obtained as described in this report.

1.6 User Responsibilities

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User must complete an AAI compliant user questionnaire and provide it to the environmental professional. Failure to complete this user questionnaire could result in a determination that "all appropriate inquiry" is not complete. The questionnaire determines a baseline of User knowledge of the subject property regarding the following items:

- Environmental cleanup liens that are filed or recorded against the subject property (40 CFR 312.25);
- Activity and land use limitations that are in place on the site or have been filed or recorded in a registry (40 CFR 312.26);
- 3. Specialized knowledge or experience of the person seeking to qualify for the LLP related to the subject property or nearby properties (40 CFR 312.28);
- 4. Relationship of the purchase price to the fair market value of the subject property if it were not contaminated (40 CFR 312.29);
- 5. Commonly known or reasonably ascertainable information about the subject property (40 CFR 312.30); and
- 6. The degree of obviousness of the presence or likely presence of contamination in, on, or at the subject property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

In order to obtain this information, an AAI compliant user questionnaire was provided to the User of this Phase I ESA. Additional information regarding user questionnaire response(s) is included in Section 3.1. The completed user questionnaire can be found in the User Questionnaire Appendix.

1.7 User Reliance

This report is an instrument of service prepared by UES for the exclusive use of the user. In order to create a report upon which the User can rely, UES worked closely with the User in development of the scope of services, upon which all subsequent tasks have been based. No party other than the User is permitted by UES to rely on this instrument of UES service. With the permission of the User, UES will meet with a third party to help identify the additional services required, if any, to permit such third party to rely on the information contained in this report, but only to the same extent of the User reliance, and subject to the same contractual, technological, and other limitations to which the User has agreed. The findings of this Phase I ESA are based on the completeness and accuracy of the data and observed conditions of the subject property as of the indicated property reconnaissance date, and when publicly available information was obtained as described in this report.

1.8 Critical Dates – Continued Viability of ESA

Due to changing environmental regulatory conditions and potential on-site or adjacent activities occurring after this Phase I ESA, the client may not presume the continuing applicability to the subject property of

the conclusions in this assessment for more than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a user different from the user for whom the assessment was originally prepared, the subsequent user must also satisfy the User's Responsibilities. An environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within 180 days of the date of purchase or the date of the intended transaction.

Critical Dates

PHASE I ESA COMPONENT	DATE
Date of Declaration by the Environmental Professional for the Assessment or Update	4-11-2022
Earliest Date of Interviews with Owners, Operators, and Occupants	4-11-2022
Date of Search for Recorded Environmental Liens	4-14-2022
Date of Federal, Tribal, State, and Local Records Review	4-14-2022
Date of Site Reconnaissance of the Subject Property and Adjoining Properties 4-22-2022	
Report Viability Date	10-11-2022

2.0 ENVIRONMENTAL/PHYSICAL SETTING

2.1 Subject Property Location

The subject property is currently identified with San Luis Obispo County Assessor's Parcel Numbers' (APN) 060-203-006 & 060-203-006. The subject property is located in the SW 1/4 of the SW ¼ of Section 6, Township 32S, Range 13E, of the Mount Diablo Baseline and Meridian. The location of the subject property and the property boundary are displayed in Figures 1 and 2.

2.2 Geologic Conditions

The geology underlying the subject property has been mapped as Qal: Alluvium and Qm: Pleistocene marine and marine terrace deposits. The surficial soils found at the subject property have been mapped as Oceano Sand: Sand for at least the top 5 feet.

2.3 Surface Water Conditions

There are no surface water bodies such as streams located on the subject property. The nearest major surface water body to the subject property is Meadow creek, which is located approximately 1/8th of a mile west of the subject property. The Pacific Ocean is approximately 1/3rd of a mile west of the subject property.

2.4 Groundwater Conditions

Based on a review of groundwater well information from the USGS Groundwater Watch groundwater wells do not appear to be located on the subject property. Wells were not observed or to be located on the subject property during subject property reconnaissance. Groundwater flow direction at the subject property may vary but is estimated to be generally towards the southwest based on topography. The depth to groundwater is estimated to be approximately 10 to 20 feet below ground surface (bgs), based on a review of well logs from the surrounding area.

3.0 USER PROVIDED INFORMATION

3.1 General

The ASTM Standard defines a User as "the party seeking to use Practice E 1527 to complete an environmental site assessment. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager." The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of the ASTM Standard Practice E 1527-13/21.

A User Questionnaire was supplied to Cam Boyd of Coastal Community Builders on April 11th, 2022 by Tara Butler of UES. The following responses were provided by the User. A copy of the completed User Questionnaire is included in User Questionnaire Appendix.

SUMMARY OF USER QUESTIONNAIRE RESPONSES

QUESTION	RESPONSE
Name of Preparer and User Entity	Cam Boyd of Coastal Community Builders
As the User, are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?	No
As the user, are you aware or do you have any experience material to recognized environmental condition in connection with the site?	No
Is the purchase price lower than what would be reasonably reflected in the fair market value of the property?	No
If the purchase price is concluded to have a difference, have you considered whether the lower purchase price is due to known or suspected contamination on the site?	No
As the user are you aware of an commonly known or reasonably ascertainable information within the local community about the site that is material to recognized environmental conditions in connection with the site?	No
As the user, are you aware of any proceedings involving the site including pending, threatened, or past environmental litigation, proceedings, or notices of possible violations of environmental laws or liability in connection with the site?	No
As the user, are you aware of any recorded land title records or lien records recorded against the site to identify environmental liens and activity and use limitations?	No

3.2 Reason for Performing Phase I ESA

UES was contracted to perform this Phase I ESA in order for the prospective owner to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser defense to CERCLA liability and due diligence.

3.3 Title Records

Alternative 1 - UES was provided title commitment records (or other records such as land title records) from the User to review for potential environmental liens or activity and use limitations. None of the liens or easement reviewed indicate the presence of a REC.

3.4 Environmental Liens or Activity Lane Use Limitations

Information was not provided to UES pertaining to potential environmental liens or activity and use limitations associated within the subject property. Information pertaining to potential environmental liens or activity and use limitations on the subject property that are filed or recorded under federal, tribal, state or local laws was not supplied by the User. Please note that an environmental liens or activity and use limitations search using a third-party vendor was not performed for the subject property. In accordance with ASTM E1527-13/21, it is the responsibility of the User of this report to confirm that there are not environmental liens or activity and use limitations filed for the subject property. In the event that environmental liens or activity and use limitations are identified, please contact UES for further evaluation.

4.0 SUBJECT PROPERTY HISTORY AND HISTORICAL LAND USE

A historical assessment of the subject property, adjoining properties and surrounding area was performed through a search and review of available historical resources including aerial photographs, topographic maps, Sanborn fire insurance maps, city directory records, and county records. The purpose of the historical assessment was to identify previous land uses of the subject property, adjoining properties and surrounding area that may have impacted the subject property in the past. A summary of our historical assessment is presented in following sections of this report.

4.1 Historical Aerial Photographs, Topographic Maps, and Fire Insurance Maps

Environmental Data Resources, Inc. (EDR) was contracted to provide available historical aerial photographs, topographic maps, and Sanborn fire insurance maps covering the vicinity of the subject property. To obtain information regarding the history of development on and near the subject property, the following resources were reviewed, and a summary of findings is presented in the table below. A copy of the historical aerial photographs, topographic maps, and fire insurance maps that were reviewed are provided in the Historical Aerial Photographs, Topographic Maps, and Sanborn Maps Appendix.

HISTORICAL AERIAL PHOTOGRAPHS SUMMARY

Years(s)	Property Comments	Surrounding Area Comments
1939	Vacant and undeveloped. Wooded in southwestern corner	The Southern Pacific Guadalupe Line Railroad and West Grand Avenue are present. Some property used as agricultural land within ¼ mile. Streets marking out Grover City grid present as dirt roads between ¼ and ½ mile to the east.
1949	No significant changes are noted over the previous map.	City of Grover has expanded to be adjacent to subject property.
1956	No significant changes are noted over the previous map.	Infill continues
1960	Property has been cleared of trees and graded	City streets are now paved.
1963	One structure present on southern portion of property.	No significant changes are noted over the previous map.
1976	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.
1978	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.

HISTORICAL AERIAL PHOTOGRAPHS SUMMARY

Years(s)	Property Comments	Surrounding Area Comments	
1981	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.	
1994	All structures currently on subject property have been built.	No significant changes are noted over the previous map.	
2005	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.	
2009	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.	
2012	No significant changes are noted over the previous map.	No significant changes are noted from the previous map.	
2016	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.	

HISTORICAL TOPOGRAPHIC MAP SUMMARY

Years(s)	Property Comments	Surrounding Area Comments
1897	Vacant and undeveloped.	The Southern Pacific Guadalupe Line Railroad and West Grand Avenue are present. A number of structures are present up to within ¼ mile of the subject property.
1900	Vacant and undeveloped.	No significant changes are noted over the previous map.
1918	Vacant and undeveloped.	No significant changes are noted over the previous map.
1942	Vacant and undeveloped.	California 1 and California 101 are now present. Grover is more developed and now has a number of city streets /blocks developed.
1952	Vacant and undeveloped.	Grover continues to be developed.
1965	The site has had one structure developed on its southern portion.	No significant changes are noted over the previous map.
1978	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.
1993	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.

HISTORICAL TOPOGRAPHIC MAP SUMMARY

Years(s)	Property Comments	Surrounding Area Comments
1998	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.
2000	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.
2012	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.
2015	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.
2018	No significant changes are noted over the previous map.	No significant changes are noted over the previous map.

Fire insurance maps generated by the Sanborn® Map Company were requested for the subject property and vicinity from EDR. According to EDR, coverage of the subject property was unavailable.

4.2 City Directory Listings

Environmental Data Resources, Inc. (EDR) was contracted to provide available historical city directory information for the subject property and adjoining properties. Results of our review is summarized in the table below. Other information is presented in the City Directory Listings Appendix.

CITY DIRECTORY SUMMARY

Direction	Address	Occupant
Subject Property	197 West Grand Ave	B JS ATV Rental & Accessories Cente
North	171 North @nd Street	Arnies ATV Rentals
East	200 Block West Grand Ave - Odd	Yarn & Beads Bootleggers Barbershop Signature Nails & Spa The Spoon Trade
South	170 West Grand Ave	Century 21 Edward Jones Kenneth R McDaniel Attorney at Law Pacific Leisure
West	Ocean Dunes Natural Preserve	Ocean Dunes Natural Preserve

4.3 County Assessor's Office

According to the San Luis Obispo County Assessor's Office, the subject property is identified as parcel numbers' 060-203-006 & 060-203-006. The land use code of the subject property is Industrial/Commercial. The subject property is listed as 0.98 acres in size. The build dates of the 886, 1000 buildings, and 3500 square foot addition are 1966, 1950, and 1950 respectively. Other information is contained in the Assessors Map and Parcel Information Appendix.

4.4 Previous ESA Activities

Previous ESA or other environmental reports prepared for the subject property were not provided by the User and were not identified in the public records reviewed within the scope of this report.

5.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with the subject property. Accuracy and completeness of record information varies among information sources, including governmental sources. Record information is often inaccurate or incomplete. Standard sources that are reasonably ascertainable were reviewed by UES for this Phase I ESA. Environmental Data Resources, Inc. (EDR) was contracted to provide records from federal, state, and local environmental databases for regulatory sites located within the Approximate Minimum Search Distances as specified in ASTM E 1527-13/21.

A copy of the EDR Radius Map Report is included herein as the EDR Radius Map Report Appendix. Included within the report are summaries of the regulatory databases reviewed, a listing of sites identified within the search radius, detailed data on the identified sites, and maps showing the locations of facilities reported to have had regulatory action.

UES also reviewed the "unmappable" (commonly referred to as "orphan") listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that could not be plotted with confidence but are potentially in the general area of the property, based on the partial street address, city, or zip code. Any unmappable site that was identified by UES as being within the approximate minimum search distance from the subject property, based on the site reconnaissance and/or cross-referencing to mapped listings is included in the discussion within this section.

Detailed information for selected sites is provided in the following section, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property.

DATABASE	SEARCH DISTANCE	SUBJECT PROPERTY LISTED	ADJOINING PROPERTIES	OTHER PROPERTIES	POTENTIAL SITES OF CONCERN
Federal National Priorities List (NPL)	1.0 mile	No	No	No	0
Federal Delisted NPL	1.0 mile	No	No	No	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list	0.5 mile	No	No	No	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP) site list	0.5 mile	No	No	No	0
Federal Resource Conservation and Recovery Act (RCRA), Corrective Action CORRACTS facilities list	1.0 mile	No	No	No	0
Federal RCRA non-CORRACTS Treatment, Storage, and Disposal (TSD) facilities list	0.5 mile	Yes (1)	Yes (2)	Yes (5)	8
Federal RCRA Generators list	0.25 mile	No	No	Yes (2)	2
Federal institutional control/engineering control registries	0.5 mile	No	No	No	0

DATABASE	SEARCH DISTANCE	SUBJECT PROPERTY LISTED	ADJOINING PROPERTIES	OTHER PROPERTIES	POTENTIAL SITES OF CONCERN
Federal Emergency Response (ERNS) list	0.001 mile	No	No	No	0
State- and tribal-equivalent NPL	1.0 mile	No	No	No	0
State- and tribal-equivalent CERCLIS (SHWS)	1.0 mile	No	No	No	0
California State Water Resources Control Board (SWRCY)	1.0 mile	No	No	No	0
State and tribal landfill and/or solid waste disposal site lists (SWF/LF)	0.5 mile	No	No	No	0
State and tribal Leaking Underground Storage Tank (LUST) lists	0.5 mile	No	No	Yes (7)	7
State and tribal registered Underground Storage Tank (UST) lists	0.5 mile	No	No	Yes (4)	4
State and tribal institutional control/engineering control registries	Subject Property & adjoining properties	No	No	N/A	0
State and tribal voluntary cleanup sites	0.5 mile	No	No	No	0
State and tribal Brownfield sites	0.5 mile	No	No	No	0
Additional Environmental Records (See EDR report)	Various	No	No	No	0
Department of Defense (DOD)	0.25 mile	No	No	No	0
Orphan Listings	0.5mile	No	No	No	0

The subject property was identified as a record in the following databases searched by EDR: Resource Conservation and Recovery Act (RCRA) Non-Generator/No Longer Regulated (NonGen/NLR), Environmental Protection Agency's (EPA) Facility Index Database System (FINDS), Enforcement and Compliance History Online (ECHO), California Environmental Reporting System (CERS), Certified Unified Program Agencies (CUPA), and the Hazardous Waste Manifest Database (HAZNET). The information provided by EDR does not indicates any current environmental violations in these databases. Site associated with the subject property listed in the table above are discussed below.

NAME	BJ ATV Rentals INC
ADDRESS	197 West Grand Avenue
DISTANCE AND DIRECTION	Subject site
HYDROLOGIC POSITION	Subject site
DATABASES LISTED	RCRA NONGEN / NLR
DISCUSSION	Records start date: 1993. No violations found

The following facilities have been identified as environmentally significant and are located within the minimum search distance referenced in the table above.

NAME	Unocal #5560
ADDRESS	684 West Grand Avenue
DISTANCE AND DIRECTION	.332 miles west
HYDROLOGIC POSITION	Up
DATABASES LISTED	LUST, SWEEPS UST, CERS
DISCUSSION	EDR shows an open LUST, upon further research through San Luis Obispo Health District and the State Water Resources Control Board GEOTracker, this case has been closed as of 11-04-2010

The remaining sites identified in the EDR Radius Map Report were reviewed and were not researched further because they are considered unlikely to have caused environmental impacts to the subject property. The sites appear to be located far from the subject property; are at locations that are considered likely to be hydrologically downgradient from, or cross gradient to, the subject property; have had no reported releases; have had no reported violations of hazardous waste regulations; have received regulatory closure; and/or were not identified as a standard environmental record per ASTM.

The EDR database search also identified a number of sites that could not be mapped (i.e., orphan sites) due to insufficient address information. UES reviewed these sites and determined that the sites are located far from the subject property; are at locations that are considered likely to be hydrologically downgradient from, or cross gradient to, the subject property; have had no reported releases; have had no reported violations of hazardous waste regulations; and/or have received regulatory closure. For this reason, the unmapped sites are considered unlikely to cause, or to have caused in the past, environmental impact to the subject property.

5.1 Division of Environmental Protection

The regulatory agency review did not identify regulatory sites administered by the California Environmental Protection Agency (CalEPA) that could potentially impact the subject property. Therefore, agency files from the CalEPA were not requested for review.

5.2 County Health District

On 04-14-2022, an inquiry regarding inspections, complaints, spills, USTs, or other potential environmental issues in connection with the subject property was submitted via online public records to County of San Luis Obispo department of Public Health. No records were discovered as a result of this inquiry.

5.3 Local Agency Environmental Control Section of Fire Department

On 04-20-2022 an inquiry regarding inspections, complaints, spills, USTs, or other potential environmental issues in connection with the subject property was submitted via State Water Resources Control Board GEOTracker. This is an online interactive map database collecting information regarding Leaking

Underground Fuel Tanks, Department of Defense sites, Spills-leaks-investigations-cleanups (SLIC), and Landfill sites. This inquiry did not discover any sites within minimum distances from the subject site.

5.4 Vapor Encroachment Screening

UES conducted a Vapor Encroachment Screen (VES) screening in accordance with the 2015 ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM E 2600-15). The VES investigation used available information and professional judgment to derive our conclusions. The goal of the VES investigation was to identify the potential for vapors from hazardous substances and petroleum releases to reach the subject property. ASTM E2600-15 defines the term, vapor encroachment condition (VEC) as the presence or likely presence of chemical of concern (COC) vapors in the vadose zone of the subject property caused by the release of vapors from contaminated soil and/or groundwater either on or near the subject property as identified by Tier 1 or Tier 2 procedures. UES performed a VES investigation for the area encompassing the subject property by reviewing each of the regulatory sites that were provided by EDR within a 1/3-mile primary search radius from the boundary of the subject property. Other information is contained in the EDR Vapor Encroachment Screen Appendix.

5.5.1 Tier 1 Screening

Initially, 47 sites were identified by EDR within the 1/3-mile primary search radius surrounding the subject property. Of these initial 47 sites, 39 were immediately excluded because they were determined to be outside the area of concern for vapor migration based on distance and estimated hydrologic gradient and/or were not identified as a standard environmental record within the default approximate minimum search distance per ASTM. UES reviewed each of the remaining 18 sites to evaluate their potential to create a vapor encroachment condition. Of the remaining sites, all of them were determined to have limited potential for the presence of contaminants of concern (COC); were determined to be outside the area of concern based on distance, gradient, and the type of COC; and/or were determined to be beyond the critical distance for vapor migration to the subject property per ASTM.

5.5.2 Tier 2 Screening

A Tier 2 Screening was not conducted by UES as VECs do not or are unlikely to exist based on the above-referenced Tier 1 Screening

6.0 SITE RECONNAISSANCE

6.1 Subject Property Description and Current Use

The current usage and description of the subject property is presented in the following table:

SUBJECT PROPERTY DESCRIPTION AND USE

SUBJECT PROPERTY NAME	BJ ATV Rentals
PHYSICAL ADDRESS	197 West Grand Ave
ACREAGE	0.979
LOT/PARCEL DESCRIPTION	APN's 060-203-006 & 060-203-006
PUBLIC LAND SURVEY SYSTEM	SW 1/4 of the SW ¼ of Section 6, Township 32S, Range 13E
CURRENT OWNERSHIP	Kelly A. Foster
CURRENT USE	Commercial
BUILDING DESCRIPTION AND PROPERTY IMPROVEMENTS	5,486 Sq Ft of office, retail, and warehouse
ZONING	Commercial/Industrial

6.2 Methodology

The reconnaissance included walking the accessible portions of the subject property and the site perimeter. This visual observation of the subject property focused primarily on its surface features. Adjoining properties were observed from curbside. The purpose was to evaluate the current conditions of the subject property and to obtain information indicating the likelihood of identifying RECs in connection with the subject property. Photographs taken during the site reconnaissance are provided in the Photographs Appendix.

SITE RECONNAISSANCE INFORMATION

INSPECTOR(S)	Tara Butler under the supervision of Dean Stanphill
SITE RECONNAISSANCE DATE/TIME	4-25-2022
WEATHER CONDITIONS	Clear
ASSESSMENT SITE CONTACT/TITLE	Wayne Foster
LIMITATIONS ENCOUNTERED	None

6.3 Observations During Reconnaissance

The accessible portions of the subject property were walked and observed for the presence of RECs. The following is a list of some of the items of interest that were looked for during the subject property visit. If the item was observed during the subject property visit, it will be noted as such. A description of the findings during the subject property visit follows in the table below.

ITEM	IDENTIFIED DURING RECONNAISSANCE
Hazardous Substances or Petroleum Products in Connection with Identified	
Uses	Yes
Underground Storage Tanks (UST)	No
Above ground Storage Tanks (AST)	No
Odors	No
Pools of Liquid	No
Drums	Yes
Unidentified Substance Containers	No
Indications of Polychlorinated Biphenyl (PCBs)	No
Stains or Corrosion	Yes
Drains or Sumps	No
Pits, Ponds or Lagoons (Subject Property and/or Adjoining Property)	No
Stained Soil or Concrete	Yes
Stressed Vegetation	No
Indications of Solid Waste Disposal	No
Waste Water (Subject Property and/or Adjoining Property)	No
Wells	No
Septic Systems	No
Mounted Power Transformers	No
Other Notable Features	No

Soil and concrete staining, drums, and chemical storage were observed in various locations across the subject site. Drums/chemical containers were observed to be in working order and part of the recognized use of the property. Areas of concentrated soil staining are considered to be a Recognized Environmental Condition (REC) for the subject site. While not considered a REC all drums and unlabeled chemicals stored on the project site should be disposed of in accordance with regulatory requirements and regulations.

6.4 Adjoining Properties

During the site reconnaissance, properties adjoining the subject property were observed from the subject property boundaries, without being entered, or from curbside, for possible sources of impacts or environmental impairment which could migrate to the subject property via surface water runoff, groundwater transport, or other pathways. The subject property is bordered by the following:

DESCRIPTION OF ADJOINING PARCELS

DIRECTION	DESCRIPTION
North	Commercial complex / a residential development
West	Southern Pacific Railroad line easement

DESCRIPTION OF ADJOINING PARCELS

DIRECTION	DESCRIPTION
East	Commercial complex
South	Commercial complex

Reconnaissance of the publicly accessible portions of the properties located immediately adjoining to the subject property DID reveal visible evidence of environmental concerns that could potentially impact the subject property.

The Southern Pacific Railroad runs immediately adjacent to the west. Typically railroad tracks were treated with herbicide. However, because the tracks are not on the property and are separated from the property by an access road this is not considered to be a REC.

7.0 INTERVIEWS

7.1 Owner Interview

An Owner questionnaire was submitted to Wayne Foster by Tara Butler on 4-19-2022. The Owner questionnaire was completed by Wayne Foster who is identified as the Owner/Occupant/Manager of the subject property. The Owner questionnaire was intended to gather information from the current owner regarding the past uses of the subject property and its adjoining properties. The environmental questionnaire appears to indicate the representative was not aware of potential environmental concerns associated with the subject property or adjoining sites. The completed environmental questionnaire can be found in Interview Documentation Appendix.

8.0 FINDINGS AND OPINIONS

8.1 General Findings

- The subject property is comprised of approximately 0.979 acres of land developed with warehouse, office, and retail space.
- The subject property appears to have consisted of vacant land from at least 1939 through the 1950s. The existing buildings first started being developed in late 1950's.
- The subject property was identified on 9 listings found by EDR, none of these listing indicated any current or active violations.
- At the time of UES's site visit the property was occupied by a retail ATV operation, renting ATV's and selling mechanical parts.
 - o Barrels were observed on site in working order.
 - o Concrete and soil staining was observed across the site.

8.2 Historical Recognized Environmental Conditions

No historical recognized environmental conditions were found for the subject property.

8.3 Controlled Recognized Environmental Conditions

No controlled recognized environmental conditions were found for the subject property.

8.4 Vapor Encroachment Conditions

No vapor encroachment conditions were found for the subject property

8.5 Recognized Environmental Conditions

This Phase I ESA revealed evidence of the following recognized environmental conditions:

The extensive soil staining throughout the property is considered a REC.

8.6 Data Gaps

Significant data gaps that would have impacted our ability to identify RECs were not encountered as part of our Phase I ESA.

9.0 CONCLUSIONS

UES has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13/21 of the property addressed at 197 West Grand Avenue, Grover Beach, California. Any exceptions to, or deletions from, this practice are described in Sections 10.0 and 11.0 of this report.

This assessment has revealed the following recognized environmental conditions, controlled recognized environmental conditions, and/or significant data gaps in connection with the subject property:

The extensive soil staining throughout the property is considered to be a REC

The conclusions presented above are based upon the agreed scope of work outlined in the above report. UES makes no warranties or guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information, which is not available to Universal Engineering Sciences at the time of writing the report, may result in a modification of the conclusions and recommendations presented. The services performed by UES have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal opinion, but may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney-client communication or as an attorney work product.

This report has been prepared for the sole use of the addressee(s) of this report and cannot be released without consent from UES. If a third party relies on the information provided in this report, UES accepts no responsibility for damages suffered by the third party as a result of reliance of information contained in this report, and that nothing contained in this report shall create a contractual relationship or cause the third party to bring suit against UES. Further guidance is also presented in the Limitations Appendix.

10.0 DEVIATIONS

UES has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice. To the best of our knowledge, there have not been deviations from the ASTM E1527-13/21 standard.

11.0 OUT OF SCOPE SERVICES

No other services beyond the Phase I ESA were authorized by the User as part of this assessment and none were conducted. Additional services can be provided upon request at an additional fee.

12.0 ADDITIONAL INVESTIGATION

As required in ASTM E1527-21, the environmental professional should provide an opinion regarding additional appropriate investigation, if any, to detect the presence of hazardous substances or petroleum products. This opinion is not intended to constitute a requirement that the environmental professional include any recommendations for Phase II or other assessment activities. Accordingly, any opinions expressed herein do not necessarily constitute a recommendation for further investigation. UES would be pleased to discuss recommendations for any additional investigation or evaluations with you outside of the context of this report.

13.0 QUALIFICATIONS

Professional	Professional Registrations
Dean Stanphill, PE, CEM	Professional Engineer, California (No. C 43612)

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, this Phase I ESA has been prepared and reviewed under the guidance of UES staff meeting the definition of Environmental Professional (EP) as defined in 312.10 of 40 CFR 312. UES EPs have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes of the environmental professionals utilized in performance of this Phase I ESA are attached in the Resume Appendix.

Respectfully Submitted: Universal Engineering Sciences

Environmental Staff:

BK

Brendan Kallaus 04-27-2022

Environmental Professional:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession, and to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.

Dean Stanphill

PΕ

04-27-2022

15.0 REFERENCES

ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-13/21.

ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, ASTM E 2600-15.

Environmental Data Resources Inc. (EDR), EDR Radius Map Report with Geocheck, Aerial Photo Decade Package, Historical Topographic Map Report, Sanborn Map Report, City Directory Image Report, and Vapor Encroachment Screen, Inquiry Number: 6938485.8, Submitted April 14, 2018.



User Questionnaire Appendix

Unless provided by the Client at the time of project authorization or unless the Client signs below in this section, the Phase I ESA report will state that the following information was not provided:

- Specialized knowledge or experience material to recognized environmental conditions in connection with the site.
- Actual knowledge of environmental liens or activity and use limitations encumbering the site or in connection with the site.
- Reason for significantly lower purchase price due to the presence of hazardous substances or petroleum products.
- Commonly known or reasonably ascertainable information within the local community about the site that is material to recognized environmental conditions in connection with the site.
- Proceedings involving the site including pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability in connection with the site.
- Recorded land title records and lien records recorded against the site to identify environmental liens and activity and use limitations.

CLIENT:		
Printed Name:	m Boyd	Title:
□ Client agrees that they <u>H.</u> 6 and will provide supporti	AVE KNOWLEDGE of ONE Ong documentation:	OR MORE the above-listed items 1
□ Client agrees that they <u>H.</u> 6 and will provide supporti CLIENT:	AVE KNOWLEDGE of ONE Ong documentation:	OR MORE the above-listed items 1

GENERAL COMMENTS

The analysis, comments, and recommendations presented in the final report will be based on the information collected as discussed in this proposal. Please note that UES does not warrant the work of regulatory agencies or other third parties supplying information used in the preparation of reports. Phase I ESAs cannot completely eliminate the risk of a recognized environmental condition existing on the site. UES cannot be held responsible for facts or evidence which were deliberately obscured or for information withheld from us during interviews and/or the site visit. The proposed Phase I ESA does not include evaluation of business environmental risk. The limitations of this assessment should be recognized. As a general rule, no considered opinions can be issued regarding a qualitative or quantitative extent of contamination on a property without an appropriate scope of work which includes intrusive exploration, monitoring, and chemical analysis. Even then, it should be understood that there is no guarantee that any site would be free from contamination,



Response	Comments
Yes No Unk	
Yes(Ng)Unk	
Yes No Unk	
Yes No Unk	
Yes No Unk	
Yes No Unk	
	Yes No Unk Yes No Unk Yes No Unk

Page 1 of 4

UNIVERSAL*

ENGINEERING SCIENCES	Response	Comments
Question	пезропае	The state of the s
d you observe evidence or do you have any knowledge that ere are currently or have been previously any damaged or scarded automotive or industrial batteries, pesticides, ints, or other chemicals in individual containers of >5 gal 9 L) in volume or 50 gal (190 L) in the aggregate, stored on sused at The Subject Property?	Yes No Unk	
Id you observe evidence or do you have any knowledge that here currently or have been previously any industrial drums hypically 55 gal) or sacks of chemicals located on The Subject roperty?	Yes (No)Unk	
id you observe evidence or do you have any prior knowledge nat fill dirt has been brought on The Subject Property that riginated from a contaminated source or is of an unknown rigin?	Yes No Unk	
old you observe evidence or do you have any prior knowledge that there is currently or have been previously any pits, ponds or lagoons located on The Subject Property in connection with waste treatment or waste disposal?	Yes No Unk	
Did you observe evidence or do you have any prior knowledge hat there is currently or has been previously any stained soil on The Subject Property?	Yes No Unk	
Did you observe evidence or you have any prior knowledge that there is currently or has been previously any registered or unregistered storage tanks (above or underground) located on The Subject Property?	Yes No Unk	
Did you observe evidence or do you have any knowledge that there is currently or has been previously any vent pipes , fill pipes , or access ways indicating a fill pipe protruding from the ground on The Subject Property or adjacent to any structure on The Subject Property?	Yes No Unk	

Page 2 of 4



Question	Response	Comments
Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors associated with flooring, drains, walls, ceilings, or exposed grounds on The Subject Property?	Yes No Unk	
If The Subject Property is served by a private well or non- public water system , is there evidence or do you have any knowledge that contaminants have been identified in the well or system, or that the well has been designated as contaminated by any government environmental/health agency?	Yes No Unk	
Do you have any knowledge of environmental liens or government notification relating to past or recurrent violations of environmental laws with respect to The Subject Property?	Yes No Unk	
Have you been informed of the current or past existence of hazardous substances or petroleum products with respect to The Subject Property?	Yes No Unk	
Do you have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, The Subject Property, or recommended further assessment of The Subject Property?	Yes(No)Unk	
Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving The Subject Property by any owner or occupant of the property?	Yes No Unk	
Does The Subject Property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes (No Unk	

Page 3 of 4



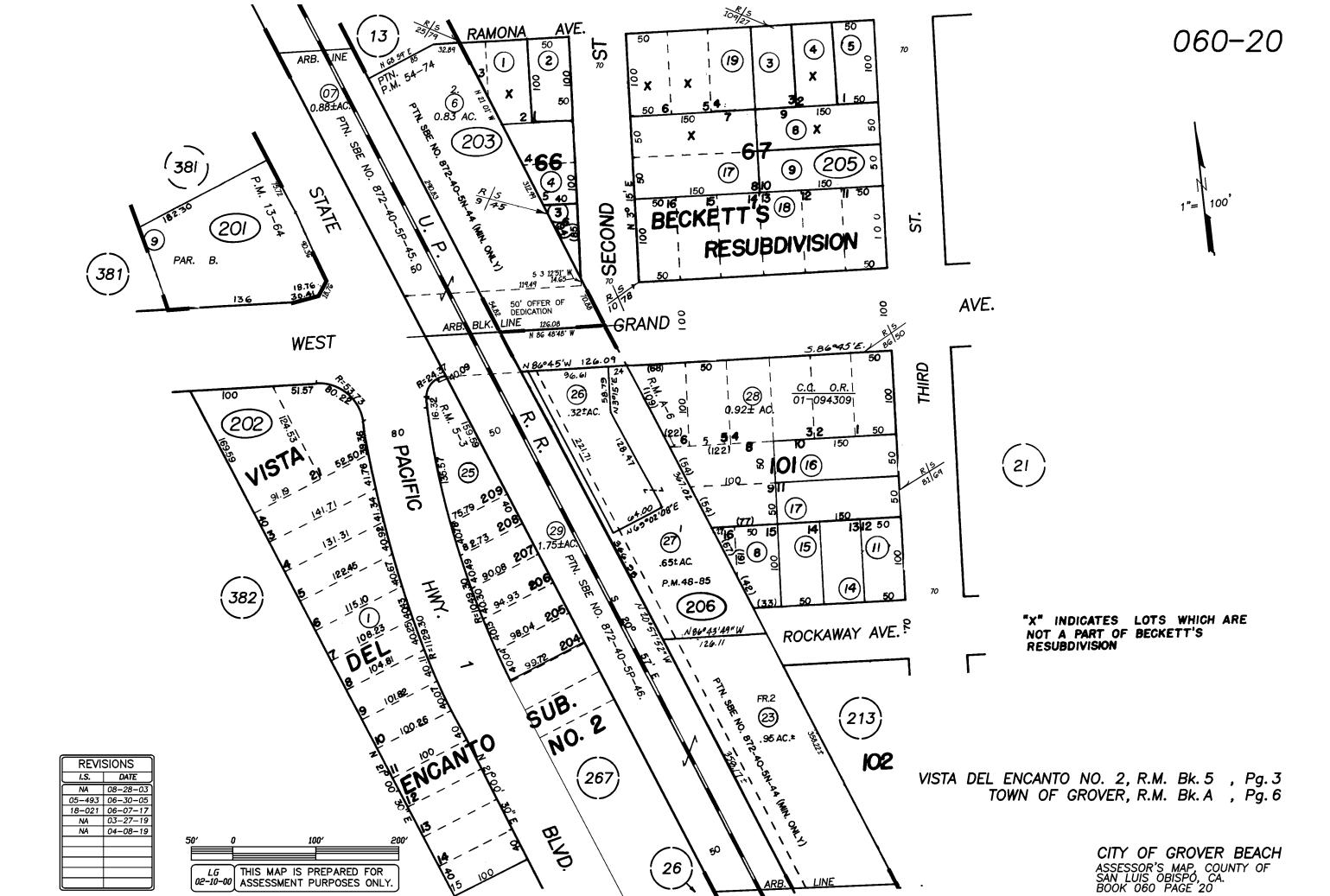
Question	Response	Comments
Do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on The Subject Property?	Yes No Unk	
Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs on The Subject Property?	Yes(Ng) Unk	

Completed by:	
Name: Wage Foster	
Title: Proplet	
Firm: RTS ATV Rentels	
Address: 197 W. Grand Que	6 rove Read
Phone Number: 205-481-5411	
Date: 4-19-12	
Role at Site: Manage	
Number of Years at the Site:	

Page 4 of 4



Assessor's Map & Parcel Information Appendix





Aerial Photographs, Topographic Maps, and Sanborn Fire Insurance Maps Appendix

197 West Grand

197 West Grand Grover Beach, CA 93433

Inquiry Number: 6938485.8

April 14, 2022

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

04/14/22

Site Name: Client Name:

197 West Grand Universal Engineering Sciences

197 West Grand 695 Edison Way Grover Beach, CA 93433 Reno, NV 89502

EDR Inquiry # 6938485.8 Contact: Brendan Kallaus



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1981	1"=500'	Flight Date: August 01, 1981	USDA
1978	1"=500'	Flight Date: September 22, 1978	USGS
1976	1"=500'	Flight Date: June 28, 1976	USGS
1963	1"=500'	Flight Date: July 02, 1963	USGS
1960	1"=500'	Flight Date: April 02, 1960	USGS
1956	1"=500'	Flight Date: September 10, 1956	USDA
1949	1"=500'	Flight Date: March 31, 1949	USDA
1939	1"=500'	Flight Date: January 01, 1939	USDA

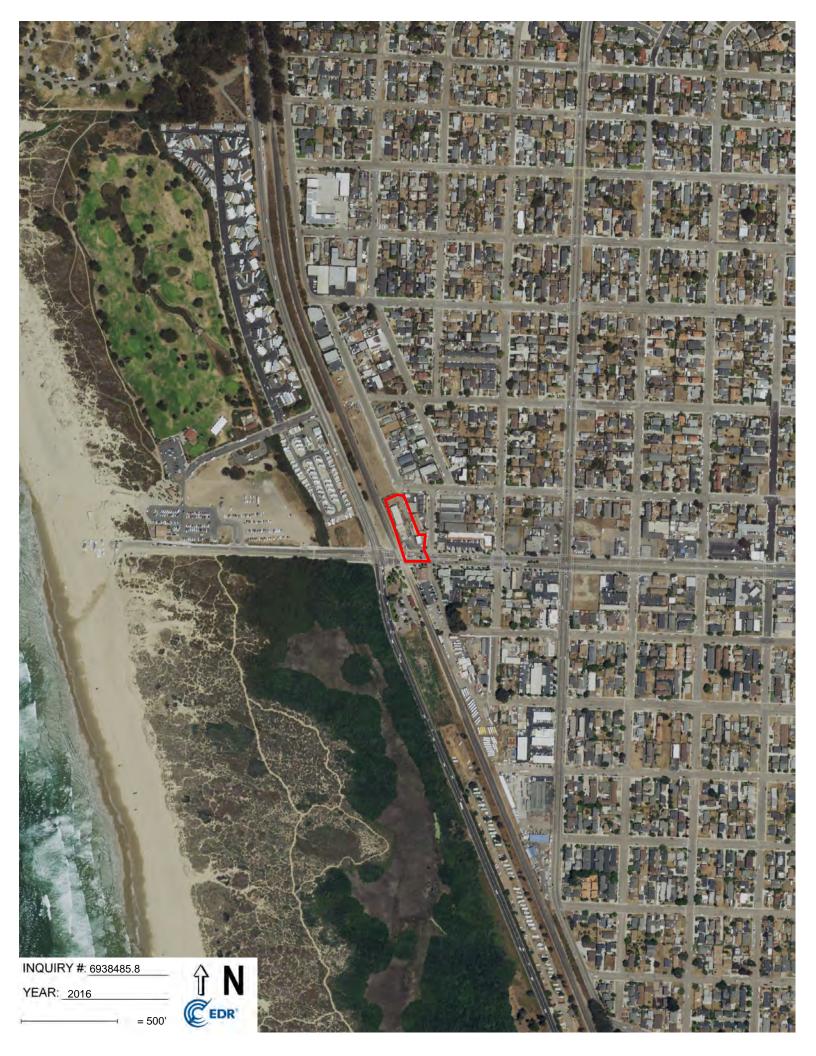
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

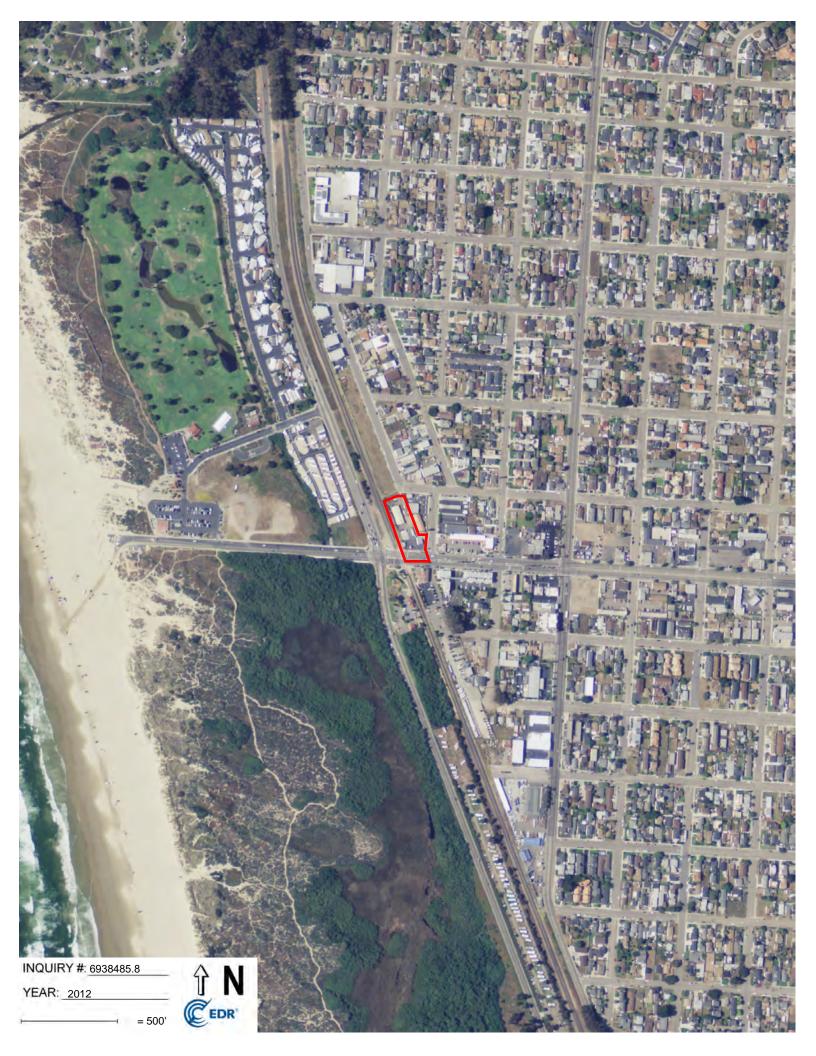
Disclaimer - Copyright and Trademark Notice

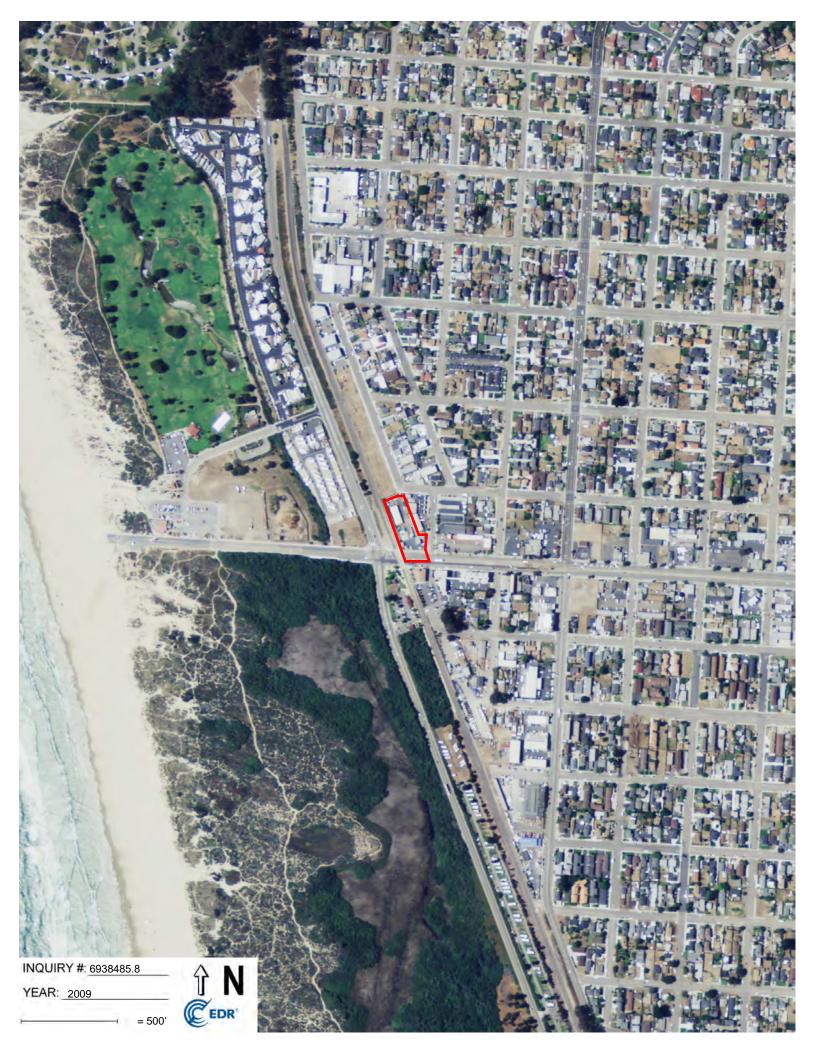
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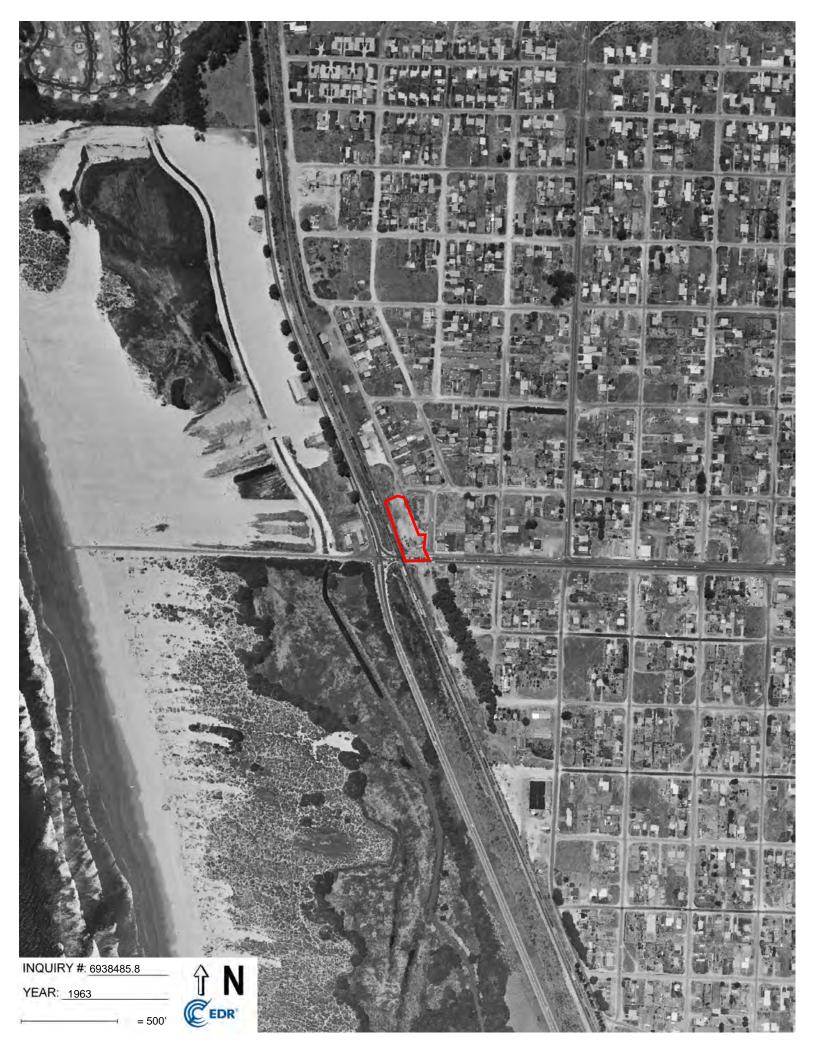
















INQUIRY #: 6938485.8

YEAR: 1956

Î N





197 West Grand197 West GrandGrover Beach, CA 93433

Inquiry Number: 6938485.4

April 13, 2022

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

04/13/22

Site Name: Client Name:

197 West Grand Universal Engineering Sciences

197 West Grand 695 Edison Way Grover Beach, CA 93433 Reno, NV 89502

EDR Inquiry # 6938485.4 Contact: Brendan Kallaus



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Universal Engineering Sciences were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Res	ults:	Coordinates:	
P.O.#	4540.2200003.0000	Latitude:	35.122386 35° 7' 21" North
Project:	197 West Grand	Longitude:	-120.629323 -120° 37' 46" West
-		UTM Zone:	Zone 10 North
		UTM X Meters:	716026.61
		UTM Y Meters:	3889187.44
		Elevation:	19.00' above sea level
Mans Provid	lad.		

Maps Provided:

2018	1952
2015	1942
2012	1918
2000	1900
1998	1897
1993	
1978, 1979	
1965	

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This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Oceano OE W 2018 7.5-minute, 24000



Pismo Beach 2018 7.5-minute, 24000



Oceano 2018 7.5-minute, 24000



Arroyo Grande NE 2018 7.5-minute, 24000

2015 Source Sheets



Oceano OE W 2015 7.5-minute, 24000



Pismo Beach 2015 7.5-minute, 24000



Oceano 2015 7.5-minute, 24000



Arroyo Grande NE 2015 7.5-minute, 24000

2012 Source Sheets



Oceano OE W 2012 7.5-minute, 24000



Pismo Beach 2012 7.5-minute, 24000



Oceano 2012 7.5-minute, 24000



Arroyo Grande NE 2012 7.5-minute, 24000



Arroyo Grande NE 2000 7.5-minute, 24000 Aerial Photo Revised 1994

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1998 Source Sheets



Pismo Beach 1998 7.5-minute, 24000 Aerial Photo Revised 1998

1993 Source Sheets



Arroyo Grande NE 1993 7.5-minute, 24000 Aerial Photo Revised 1990

1978, 1979 Source Sheets



Arroyo Grande NE 1978 7.5-minute, 24000 Aerial Photo Revised 1976



Pismo Beach 1978 7.5-minute, 24000 Aerial Photo Revised 1976



Oceano 1979 7.5-minute, 24000 Aerial Photo Revised 1963



Pismo Beach 1965 7.5-minute, 24000 Aerial Photo Revised 1963



Arroyo Grande NE 1965 7.5-minute, 24000 Aerial Photo Revised 1963



Oceano 1965 7.5-minute, 24000 Aerial Photo Revised 1963

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1952 Source Sheets



Arroyo Grande 1952 15-minute, 62500

1942 Source Sheets



Arroyo Grande 1942 15-minute, 62500

1918 Source Sheets



ARROYO GRANDE 1918 15-minute, 62500



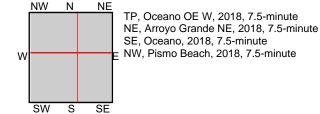
San Luis 1900 30-minute, 125000

This EDR Topo Map Report is based upon the following USGS topographic map sheets.



Arroyo Grande 1897 15-minute, 62500

This report includes information from the following map sheet(s).



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0.25

0 Miles

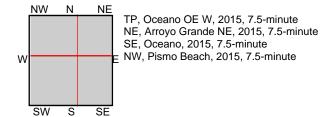
Grover Beach, CA 93433

CLIENT: Universal Engineering Sciences

1







SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach, CA 93433

CLIENT: Universal Engineering Sciences



0 Miles

This report includes information from the following map sheet(s).

SE

SW

NW TP, Oceano OE W, 2012, 7.5-minute NE, Arroyo Grande NE, 2012, 7.5-minute SE, Oceano, 2012, 7.5-minute NW, Pismo Beach, 2012, 7.5-minute W

SITE NAME: 197 West Grand ADDRESS: 197 West Grand

0.5

0.25

Grover Beach, CA 93433

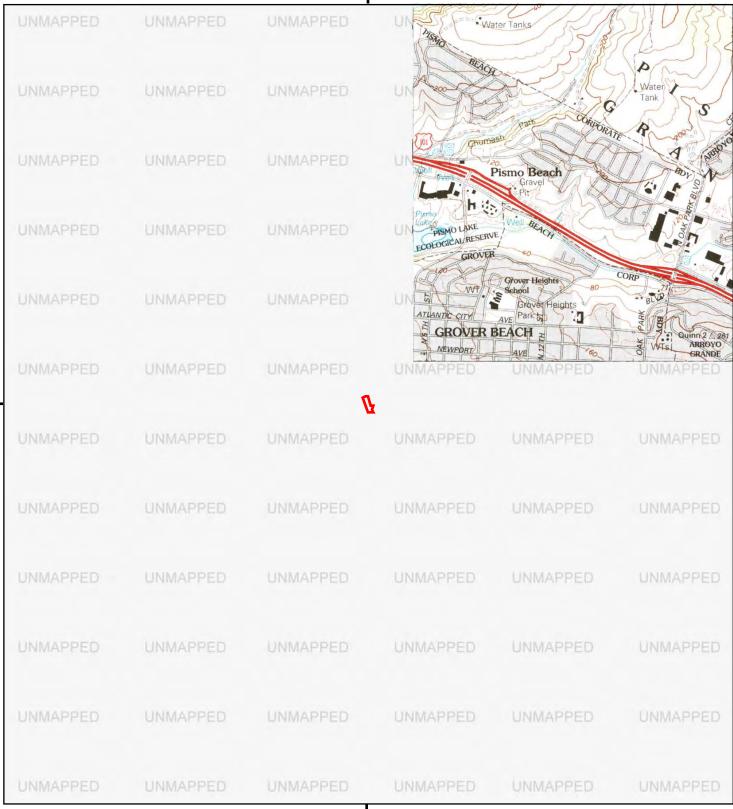
CLIENT: Universal Engineering Sciences 1.5

page 9

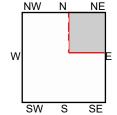
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Historical Topo Map



This report includes information from the following map sheet(s).



NE, Arroyo Grande NE, 2000, 7.5-minute

SITE NAME: 197 West Grand

0.25

0 Miles

ADDRESS: 197 West Grand

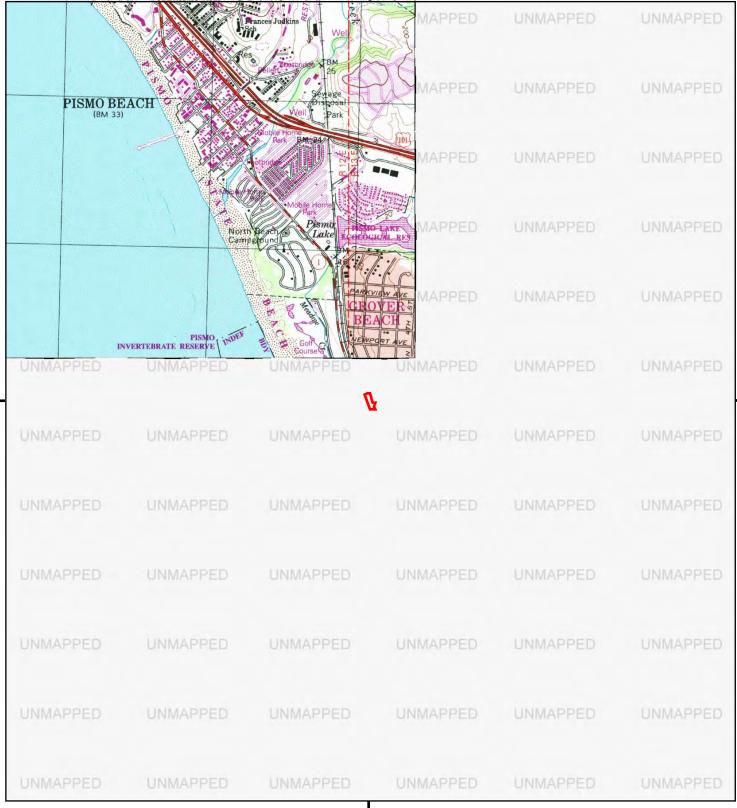
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Grover Beach, CA 93433
CLIENT: Universal Engineering Sciences

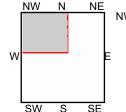




Historical Topo Map



This report includes information from the following map sheet(s).



NW, Pismo Beach, 1998, 7.5-minute

SITE NAME: 197 West Grand ADDRESS: 197 West Grand

0.25

0 Miles

Grover Beach, CA 93433

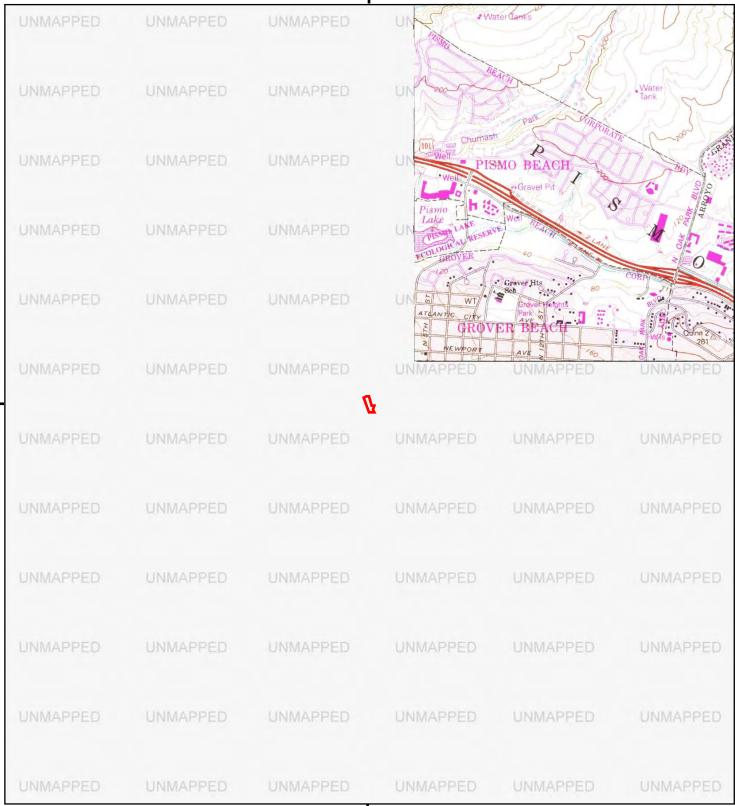
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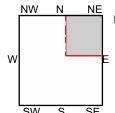




Historical Topo Map



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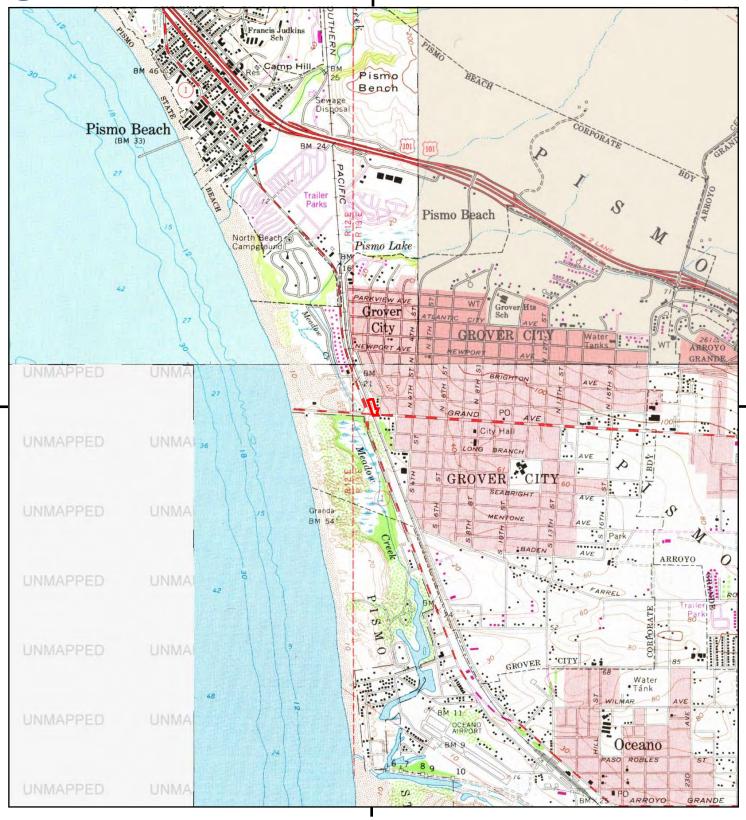
SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach, CA 93433

CLIENT: Universal Engineering Sciences







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NW N NE TP, O NE, A NW, F

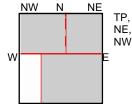
TP, Oceano, 1979, 7.5-minute NE, Arroyo Grande NE, 1978, 7.5-minute NW, Pismo Beach, 1978, 7.5-minute 0 Miles 0.25 0.5 1

SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach, CA 93433

CLIENT: Universal Engineering Sciences

This report includes information from the following map sheet(s).



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SITE NAME: 197 West Grand

0.5

0.25

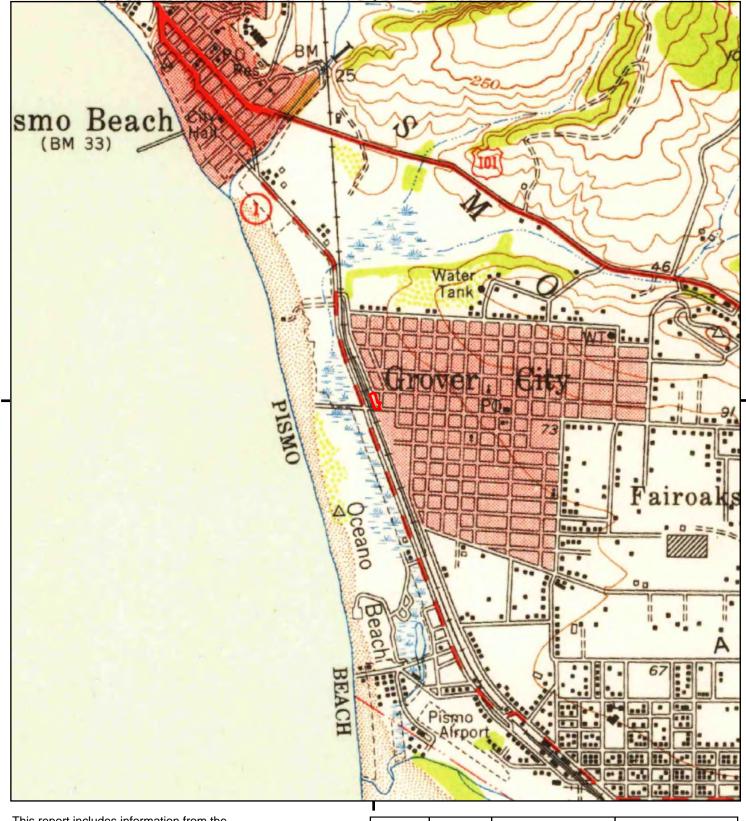
ADDRESS:

0 Miles

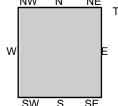
Grover Beach, CA 93433

CLIENT: Universal Engineering Sciences 1.5

Oceano



This report includes information from the following map sheet(s).



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0.5

0.25

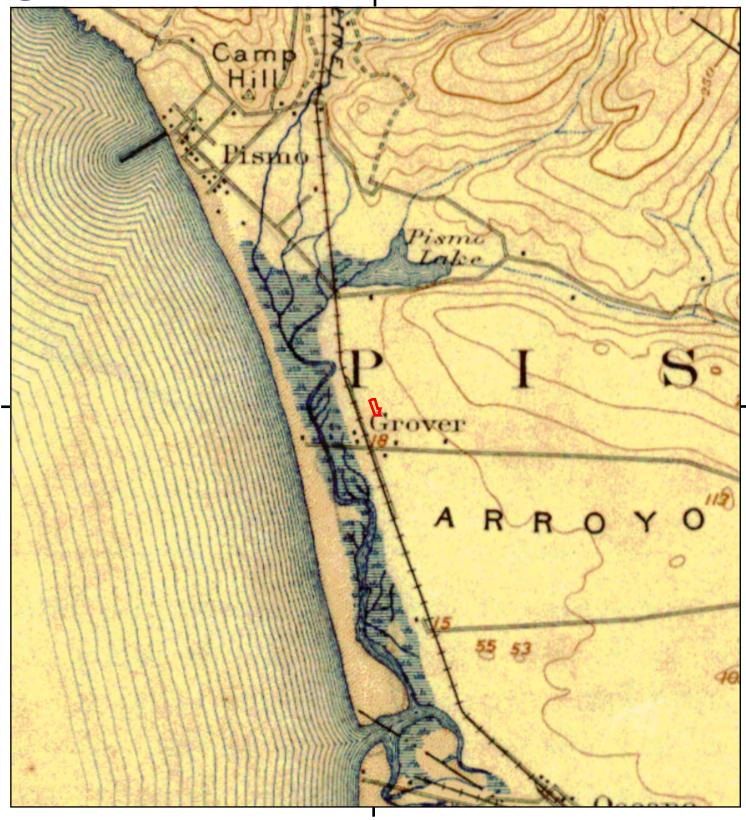
0 Miles

Grover Beach, CA 93433

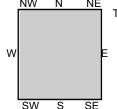
CLIENT: Universal Engineering Sciences

Universal Engineering Sciences

CLIENT:



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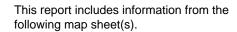
TP, ARROYO GRANDE, 1918, 15-minute

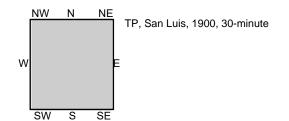
0 Miles 0.25 0.5 1 1.5

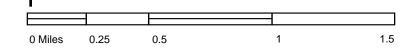
SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach, CA 93433

CLIENT: Universal Engineering Sciences



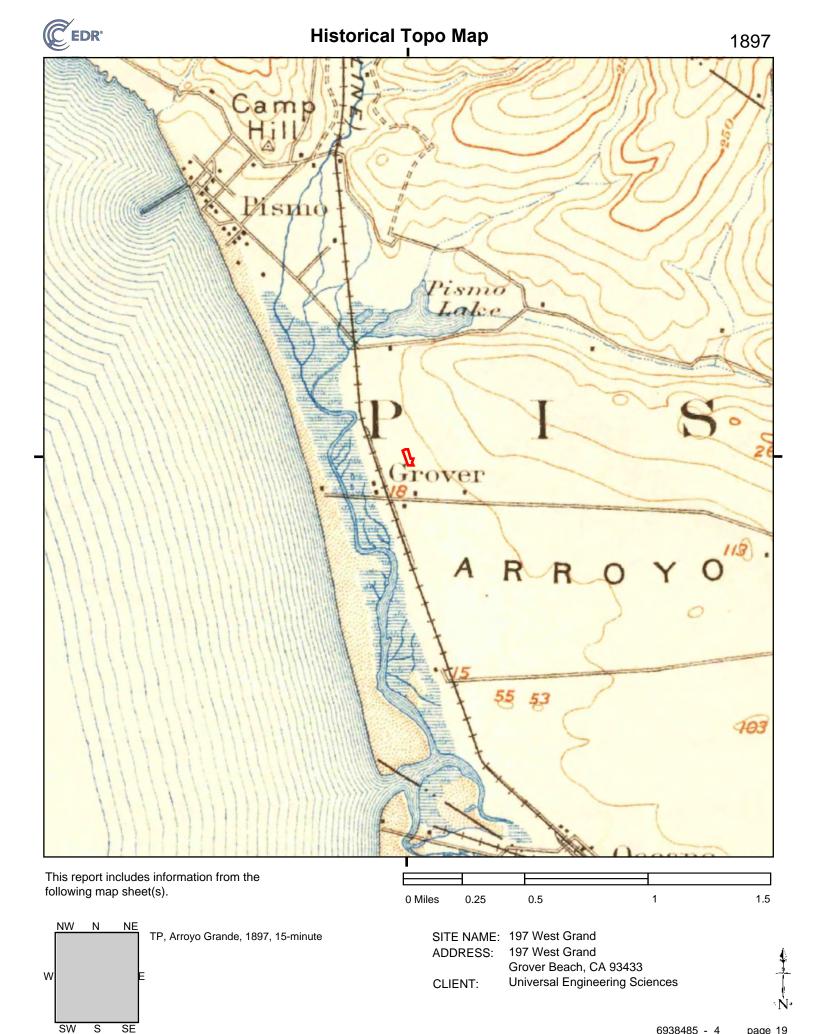




SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach, CA 93433

CLIENT: Universal Engineering Sciences



197 West Grand197 West GrandGrover Beach, CA 93433

Inquiry Number: 6938485.3

April 13, 2022

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

Certified Sanborn® Map Report

04/13/22

Site Name: Client Name:

197 West Grand Universal Engineering Sciences

197 West Grand 695 Edison Way Grover Beach, CA 93433 Reno, NV 89502

EDR Inquiry # 6938485.3 Contact: Brendan Kallaus



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Universal Engineering Sciences were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

 Certification #
 707F-4AF5-9EC2

 PO #
 4540.2200003.0000

 Project
 197 West Grand

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 707F-4AF5-9EC2

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✓ Library of Congress

University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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City Directory Listings Appendix

197 West Grand

197 West Grand Grover Beach, CA 93433

Inquiry Number: 6938485.5

April 14, 2022

The EDR-City Directory Image Report



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Thank you for your business.

Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Brad street. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2017	$\overline{\checkmark}$		EDR Digital Archive
2014	$\overline{\checkmark}$		EDR Digital Archive
2010	$\overline{\checkmark}$		EDR Digital Archive
2005	$\overline{\checkmark}$		EDR Digital Archive
2000	$\overline{\checkmark}$		EDR Digital Archive
1995	$\overline{\checkmark}$		EDR Digital Archive
1992	$\overline{\checkmark}$		EDR Digital Archive
1985	$\overline{\checkmark}$		Haines Criss-Cross Directory
1981	$\overline{\checkmark}$		Haines Criss-Cross Directory
1977	$\overline{\checkmark}$		Haines Criss-Cross Directory
1972	$\overline{\checkmark}$		POLK DIRECTORY CO
1967	$\overline{\checkmark}$		POLK DIRECTORY CO
1962	$\overline{\checkmark}$		POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

197 West Grand Grover Beach, CA 93433

<u>Year</u>	CD Image	<u>Source</u>
GRAND AVE		
2000	pg A11	EDR Digital Archive
1995	pg A13	EDR Digital Archive
1992	pg A15	EDR Digital Archive
N 2ND ST		
2017	pg A1	EDR Digital Archive
2014	pg A3	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A12	EDR Digital Archive
1995	pg A14	EDR Digital Archive
1992	pg A16	EDR Digital Archive
1985	pg A17	Haines Criss-Cross Directory
1981	pg A19	Haines Criss-Cross Directory
1981	pg A20	Haines Criss-Cross Directory
1977	pg A22	Haines Criss-Cross Directory
1972	pg A24	POLK DIRECTORY CO
1972	pg A25	POLK DIRECTORY CO
1967	pg A27	POLK DIRECTORY CO
1967	pg A28	POLK DIRECTORY CO
1962	pg A31	POLK DIRECTORY CO
1962	pg A32	POLK DIRECTORY CO
W GRAND AVE	<u> </u>	
2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive

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FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
2010	pg A7	EDR Digital Archive
2005	pg A10	EDR Digital Archive
1985	pg A18	Haines Criss-Cross Directory
1981	pg A21	Haines Criss-Cross Directory
1977	pg A23	Haines Criss-Cross Directory
1972	pg A26	POLK DIRECTORY CO
1967	pg A29	POLK DIRECTORY CO
1967	pg A30	POLK DIRECTORY CO
1962	pg A33	POLK DIRECTORY CO

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FINDINGS

CROSS STREETS

No Cross Streets Identified

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171	ARNIES ATV RENTALS
189	NETTO, CHRIS M
190	MR STORAGE GROVER BEACH
321	JACKSON, LISA K
337	COTTER, ZACHARY
347	GALINDO, ERICA
350	YRUEGAS, MANUEL J
362	STOKES, DARRYL L
364	CONWAY, CHRISTOPHER
365	PRYOR, TROY D
370	YRUEGAS, L
373	ANDERSON, KIRK A
391	PHOUNSAVATH, TROY
414	DRAKE, MATTHEW C
425	RHINE, RICHARD L
434	HEALEY, THOMAS
442	TRAUGHBER, JAMES
465	NOLAN, LUCILLE
500	TURPIN, VIRGINIA L
525	LEE, CATHERINE A
534	WAITE, DARWIN J
550	HRUSKA, KING
573	VELASQUEZ, JACOB R
590	FISCHER, JOSHUA T
625	SANDOVAL, MARLENE
674	GRAVES, NANCY E
819	JACKSON, GENE K
835	DRUBE ELECTRIC
	DRUBE, DOUG D
840	MARTINEZ, MATTHEW
845	KEELING, ROY D
846	THORPE, FRED A
854	BIRLEW, HOWARD L
855	DYER, TIMOTHY
874	ROYDEN, MATHEU M
879	CHAMPMAN, SARA A
888	FARMER, LILA F
895	FANUCCHI, EDNA H
898	JEAN, DAVID F
899	RODMAN, RONALD L

W GRAND AVE 2017

170	CENTURY 21
	EDWARD JONES
	KENNETH R MCDANIEL ATTORNEY AT LAW
	PACIFIC LEISURE
197	B JS ATV RENTAL & ACCESSORIES CENTE
204	RAIDOR, JEFFREY
	TAPIA, VALERIE N
208	ANNIBALI, MICHAEL
212	WHITMIRE, LISA D
225	YARN & BEADS
228	CAFE VOSTRO
235	BOOTLEGGERS BARBERSHOP
236	HARTS COMMERCIAL REAL ESTATE
244	K J B SPORTWEAR SCREEN PRINTING
260	SHELL BEACH FLORAL DESIGN BY AMANDA
275	SIGNATURE NAILS & SPA
278	GROVER GRIND
	SAN LUIS OBISPO COUNTY DEMOCRATIC PA
280	ALMENDARIZ, JUAN
	DIAS, DONNA M
	GOMEZ, MONICA
	SANCHEZ, ERIK
295	THE SPOON TRADE
350	JUANITAS HOME MADE MEXICAN
359	CENTRAL COAST CASINO
	MONGOS SALOON RESTAURANT
360	COLE LINEN COMPANY
390	7ELEVEN
	REDBOX
401	AUTO PROVISIONS
	HEILAND AUTO SALES

171	ARNIES ATV RENTALS
189	NETTO, CHRIS M
190	BRACKETT, BEN
	MISTER STORAGE GROVER BEACH
321	WOODRUFF, KAREN J
335	OCCUPANT UNKNOWN,
337	MORAN, JAMES M
347	REYES, VINCENT
350	YRUEGAS, MARIO
362	ROSS, R
364	OCCUPANT UNKNOWN,
365	PRYOR, TROY D
370	YRUEGAS, LUPE
373	OCCUPANT UNKNOWN,
391	PONCET, LINDA L
425	MARQUEZ, ALANA J
	MCHANEY, DOUGLAS
434	HEALEY, THOMAS
442	TRAUGHBER, JAMES
465	ROBERTS, CHRIS N
466	RUEGER, DENISE M
500	TURPIN, VIRGINIA L
525	JUNGCLAUS, DAVID C
534	WAITE, DARWIN J
541	OCCUPANT UNKNOWN,
550	HRUSKA, KING
557	TURNER, RAQUEL
573	OCCUPANT UNKNOWN,
590	FISCHER, JOSHUA T
625	SANDOVAL, MARLENE
674	GRAVES, NANCY E
819	JACKSON, GENE K
821	MARIE, ASHLEY
825	SHARP, MELISSA M
835	DRUBE ELECTRIC
000	DRUBE, DOUG D
840	OCCUPANT UNKNOWN,
845	KEELING, ROY D
846	THORPE, FRED A
854	BIRLEW, HOWARD L
855	DYER, TIMOTHY
874	TREADWELL, LEE
879	HUYCK, DENISE
888	FARMER, LILA F
895	FANUCCHI, EDNA H
898	JEAN, DAVID F
899	RODMAN, RONALD L
099	NODIVIAN, NONALU L

W GRAND AVE 2014

111	MARCOS, SISENANDO S
170	CENTURY 21
	CENTURY 21 CITIES WEST
	EDWARD JONES FINANCIAL ADVISOR GA
	KENNETH MCDANIEL ATTORNEY AT LAW
	NOBLE PRODUCTIONS
	PACIFIC LEISURE
	STATION GRILL
	ZEFFSTEGER MAUREEN
180	AMTRAK STATIONGVB
197	B JS ATV RENTAL & ACCESSORIES CENTE
	BJS PDQ TOWING
201	SKYDIVE PISMO BEACH
204	ECHAVARRIA, MARK
	LIPPITT, NANCIE J
	MORALES, XAVIER
208	FREEL, BOB D
212	OCCUPANT UNKNOWN,
215	ASIGNCO CUSTOM SIGNS
228	RIB LINE BY THE BEACH
235	BOOTLEGGERS BARBERSHOP
244	K J B SPORTWEAR SCREEN PRINTING
260	SHELL BEACH FLORAL DESIGN
278	SAN LUIS OBISPO COUNTY DEMOCRATIC PA
280	BENNETT, KASEY
	DIAS, MICHAEL A
	GELOTTI, SCOTT A
	SUDANO, JULIAN
350	JUANITAS HOME MADE MEXICAN
359	CENTRAL COAST CASINO
000	MONGOS SALOON RESTAURANT
360	COLE LINEN COMPANY
200	WASHBOARD LAUNDROMAT
390	7ELEVEN PLUMBER1
401	HEILAND AUTO SALES
401	HEILAND AUTO SALES

	IN ZIND OT	2010
171	ARNIES ATV RENTALS	
189	FANKHAUSER, LINDA	
	IVEY, ROGER E	
	NETTO, CHRIS	
	RUSSELL, LARRY	
	VOELKER, FREDERICK	
190	MR STORAGE GROVER BEACH	
310	MORONES, LOREN M	
321	JIMENEZ, MARIA	
335	AKEMAN, JON	
337	MUNK, BRET	
347	HOLDSWORTH, MICHAEL G	
350	YRUEGAS, MANUEL J	
357	HOWITT, MATTHEW R	
362	WINTER, MICHAEL R	
364	CESTARO, TONY W	
365	PRYOR, TROY D	
370	YRUEGAS, LUPE	
373	OCCUPANT UNKNOWN,	
389	MCLAREN, ARCHIE C	
391	PONCET, LINDA L	
434	OSSE, DONALD H	
442	TRAUGHBER, JAMES	
465	ROBERTS, C	
466	RUEGER, MARK C	
481	GAULT, JAMES R	
500	TURPIN, VIRGINIA L	
525	BROWN, CAROL V	
534	MARSHALL, KAREN S	
541	LAND, MARK	
550	HRUSKA, CHRISTINE R	
590	OCCUPANT UNKNOWN,	
625	JOHNSON, VICTOR K	
674	OCCUPANT UNKNOWN,	
819	JACKSON, GENE K	
821	DAOUST, GARY J	
825	LARSON, EVAN B	
826	OCCUPANT UNKNOWN,	
835	DRUBE ELECTRIC	
	DRUBE, DOUG D	
840	FEHN, ARNOLD	
846	THORPE, FRED A	
854	BIRLEW, HOWARD L	
855	STRALEY, ELIZABETH	
865	GILLEAN, STEVE	
874	TREADWELL, ERNEST L	
879	OCCUPANT UNKNOWN,	
888	FARMER, LILA F	
895	FANUCCHI, EDNA H	
898	JEAN, DAVID	
000	, <i></i>	
		I I

N 2ND ST 2010 (Cont'd)

899	RODMAN, RONALD L

W GRAND AVE 2010

111	MARCOS, SISENANDO S
170	BURROLA RINGER INSURANCE
	CENTRAL COAST HEALTHCARE SVC
	CENTURY 21
	CITIES WEST
	FORDE CONSTRUCTION
	HARDY TEAM
	MAUREEN, ZEFF
	STATION GRILL
197	B JS ATV RENTAL & ACCESS CTR
	B JS PDQ TOWING
201	MACY HOMES INC
204	BERNADETT, WILLIAMS
	VALDES, PEDRO J
208	OCCUPANT UNKNOWN,
212	OCCUPANT UNKNOWN,
214	MICHAEL BOYAJIAN LAW OFFICES
228	CAFE VOSTRO
236	PAPA JOHNS PIZZA
244	K JB EMBROIDERY & SCREEN PTG
	KJB SPORTWEAR SCREEN PTG
260	ATTRACTIONS
275	ALL ABOUT YOU SALON
	GROVER BEACH SMOKE SHOP
280	DIAS, MICHAEL
	GORMAN, JOSEPH
	SHINS, ASHA
304	LEACH, MARK C
320	BOB SELF SERVE CAR WASH
346	CURT J BAILEY MASONRY INC
350	JUANITAS HOME MADE MEXICAN FD
359	CENTRAL COAST CASINO
	MONGOS SALOON & COFFEE BAR
390	7ELEVEN
401	CENTRAL COAST CUSTOM AUTO
	HEILAND AUTO SALES

171	FLASH HEADQUARTERS	
189	WEAVER, ALEX R	
	WEST, CLAUDE	
190	MR STORAGE NO 2	
321	MINTZ, FLORENCE E	
337	OCCUPANT UNKNOWN,	
350	YRUEGAS, MANUEL	
357	SHARP, GEOFFREY R	
362	ECHEVERRIA, GLADYS N	
	GONZALES, MICHAEL	
364	GENCO, SUZY D	
365	PRYOR, THOMAS	
370	YRUEGAS, JUAN	
373	ANDERSON, KIRK A	
389	MCLAREN ARCHIE C JR	
391	WHITE HORSE FORGE INC	
405	WHITE, RON	
425	LISITZA, MICHAEL	
	LUTZ, BRYAN L	
	MARQUEZ, ALANA J	
40.4	THOROGOOD, KATIE	
434	OSSE, DONALD H	
442	TRAUGHBER, DAVID G	
466	RUEGER, MARK C	
481 500	OCCUPANT UNKNOWN,	
500 525	TURPIN, VIRGINIA L BROWN, CAROL V	
534	STEFFEN, MICHAEL	
541	OCCUPANT UNKNOWN,	
550	RODRIGUEZ, RICHARD	
557	LAURSEN, EDVARD L	
573	PIGEON, ANDREW	
590	BESS, MICHEAL	
674	GRAVES, NANCY E	
819	JACKSON, GENE K	
821	WHALEN, TOMAS J	
825	DANIELS, JAIME	
	SECURE MAILBOXES & MORE	
	SECURE MAILBOXES AND MORE	
826	BROWN, PEARL E	
835	DRUBE ELECTRIC	
	DRUBE, DOUG D	
	WHOLESALE LIGHTING SUPPLY	
840	LEE, TERRY D	
845	OCCUPANT UNKNOWN,	
846	THORPE, FRED A	
854	BIRLEW, HOWARD L	
855	OCCUPANT UNKNOWN,	
865	GILLEAN, STEVE	
	LONG RIDERS GEAR	

Cross Street	<u>Source</u>
-	EDR Digital Archive

	ı	N 2ND 51	2005	(Contra)
874	OCCUPANT UNKNOWN,			
879	DORR, JAMES A			
888	JAMES A DORR MD INC FARMER, LILA F			
895 898	FANUCCHI, JOAQUIN T TALLMAN, GARY L			
899	FIELDING, DONALD W			

W GRAND AVE 2005

170	CA REAL ESTATE AND GROVER BEACH HOM
	CENTURY 21 CITIES WEST
	FORDE CONSTRUCTION PROPERTIES
	GOLD COAST MORTGAGE
	HOMETOWN REALTY
	NETINVEST
	STATION GRILL
	WAYS TO PLAY
197	PDQ TOWING
	PDQ TOWING B JS ATV RENTAL
201	REGATTA TROPICALS
204	BERNADETT, ELOISE
215	NEW LIFE COUNSELING
228	ALEBRIJES GRILL
236	KOEPF, JOHN
	PAPA JOHNS PIZZA
244	LIFES A BEACH
252	LIGHTHOUSE PROPERTIES INC
	LIGHTHOUSE PROPERTY MANAGEMENT
275	MONIQUES HAIR & NAIL DESIGN
278	QUIZNOS SUB
280	SOLANO, VERONICA
295	OREILLYS
301	TORRES, PATRICIO
304	LEACH, MARK C
320	ROBERT BRRON SELF SERVICE CRWSH
350	PERALTA, IGNACIO
	SPEEDY BURGER
359	CENTRAL COAST CASINO
	SUNSET DUNES BAR & GRILL
390	7 ELEVEN FOOD STORE
401	AFFORDABLE USED CARS

GRAND AVE 2000

197	B JS ATV RENTAL & ACCESSORIES CENTER
	FIN, BLUE
	PDQ TOWING B JS ATV RENTAL & ACCESSORIES CENTER
201	OCCUPANT UNKNOWN,
275	BARACZ, AMY
	MCCANN, PATRICK J
	MONIQUES HAIR & NAIL DESIGN
	OCEAN WEST PROPERTIES INCORPORATED
295	CASA DEPLAYA
320	BARRON ROBERT SELF SERVE CAR WASH
346	CLEMENS, NANCY S
350	SPEEDY BURGER
359	CENTRAL COAST CASINO
	SUNSET DUNES BAR & GRILL
390	7 ELEVEN FOOD STORE

102	METZ, LEWIS J	
171	PACIFIC AUTO DETAILING	
189	DIAZ, JUAN	
190	MR STORAGE NO 2	
321	MINTZ, F	
337	OCCUPANT UNKNOWN,	
350	OCCUPANT UNKNOWN,	
354	BARKLEY, ANGELA A	
357	MINTZ, MONTY C	
362	ECHEVERRIA, GLADYS N	
370	YRUEGAS, J	
425	ANDERSON, TIANI M	
	BAJEMA, TRAVIS N	
	BRAID, MICHAEL	
	GOINS, BART	
434	OCCUPANT UNKNOWN,	
442	OCCUPANT UNKNOWN,	
465	OCCUPANT UNKNOWN,	
466	OCCUPANT UNKNOWN,	
481	OCCUPANT UNKNOWN,	
500	TURPIN, V L	
534	SALITORE, M K	
541	OCCUPANT UNKNOWN,	
550	MUNOZ, BERNICE M	
557	OCCUPANT UNKNOWN,	
573	PETERSON, ANTON J	
674	OCCUPANT UNKNOWN,	
819	JACKSON, GENE	
821	STITZER, V	
825	CHILDERS ENERGY SERVICES	
	CHILDERS, CHRIS	
826	OCCUPANT UNKNOWN,	
840	OCCUPANT UNKNOWN,	
845	MCKAY, BOB O	
	MCKAYS CUSTOM TILING	
846	THORPE, FRED	
854	BIRLEW, HOWARD	
855	ARNETT, DONALD J	
865	GARZA, GARY	
874	NORDQUIST, CANDY R	
879	DORR, JAMES A	
888	OCCUPANT UNKNOWN,	
898	TALLMAN, GARY L	
899	COHEN, BARRY A	

GRAND AVE 1995

197	B JS ATV RENTAL & ACCESS CTR
	B JS PDQ TOWING
	U HAUL CO
275	BREAK TIME
	CALIFORNIA CUTS
	DISCOUNT MOBILE HOME SALES
	FIVE CITIES FINANCIAL SVC
	PACIFIC COAST SURF DESIGN
	SOCCER MART
295	MELANIES RESTAURANT
301	FLOWERS BY JENNY
	MANGIARDI, ROBERT
320	ROBERT BARRON SELF SVC CAR
346	CLEMENS, LOUIS J
	CURT J BAILEY MASONRY
350	SPEEDY BURGER
390	7 ELEVEN FOOD STORE
401	GROVER BEACH AUTO REPAIR

172	JOES BUGGY HAUS
189	DEHERNANDEZ, NORA
190	MR STORAGE
321	MINTZ, F
337	OCCUPANT UNKNOWNN
350	OCCUPANT UNKNOWNN
357	MINTZ, MONTY C
365	OCCUPANT UNKNOWNN
370	YRUEGAS, J
425	HAMPTON, E E
434	OCCUPANT UNKNOWNN
442	MAY, CATHY
466	CLARK, RAYMOND
481	SONTAG, DALE
500	TURPIN, V L
525	KOJIMA, SHIGEO
534	AIKEN, JUDY L
550	OCCUPANT UNKNOWNN
590	OCCUPANT UNKNOWNN
674	PICKETT, JESSE
819	JACKSON, GENE
821	DAOUST, GARY J
825	JUBELT, LARUE
826	OCCUPANT UNKNOWNN
835	OCCUPANT UNKNOWNN
840	CANTUA, MISTY M
845	MCKAY, ALICE
846	THORPE, FRED
854	BIRLEW, HOWARD
855	ARNETT, DONALD J
865	GARZA, GARY
879	DORR, JAMES A
888	HAAPANEN, ANNE
895	FANUCCHI, JOAQUIN
898	SHERWIN, HERBERT G

GRAND AVE 1992

197	B JS ATV RENTAL CTR
201	DISCOUNT MBL HM SLS
275	BREAK TIME
	CA CUTS
	PAC COAST SURF DSGN
295	MELANIES RESTAURANT
346	CLEMENS, LOUIS J
	PANADERIA DEL SOL
350	SPEEDY BURGER
359	BURGUNDYS RSTRNT
390	SEVEN 11 FOOD
401	COAST BRAKE&ALGNMNT
422	DREWS TAX SERVICE

172	JOES BUGGY HAUS
189	BERNAL, A
	REYES, RAQUEL J
	SANTOS, MARIA
190	MR STORAGE NO 2
321	MINTZ, F
357	MINTZ, MONTY C
364	STONEKING, RICHARD
370	YRUEGAS, JUAN
481	SONTAG, DALE
500	TURPIN, V L
541	HUTTON, MARK
573	BAUTISTA, A
674	PICKETT, JESSE N
819	JACKSON, GENE
825	JUBELT, LARUE
826	BROWN, CARLYLE E
835	ALBERT, JERRY
846	THORPE, FRED
854	BIRLEW, HOWARD
855	ARNETT, DONALD J
865	GARZA, GARY
879	DORR, JAMES A
888	WORK, LLOYD J
895	FANUCCHI, JOAQUIN

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - Haines Criss-Cross Directory

	N ZND ST 190)J
2ND	N 93433	
GRO	VER CITY	
141	XXXX	00
172	JOES BUGGY HAUS	489-0658 9
189		489-3875 +5
0.75	PEASE ANDY	481-1595 +5
190	ANTHONY LUKE	489-3733 +5
	MINTZ F	489-7054 2
337	BENA DAVID M	489-3285 +5
338	XXXX	00
350	XXXX	00
357	MINTZ MONTY C	489-3387
362	XXXX	00
364	XXXX	00
370	YRUEGAS JUAN	489-2646
391	C F W RESEARCH&DVLP	489-8750 0
425		489-0135 +5
	KESTEREN BETTY	481-6471 +5
434	VIHLENE S L	481-2584 9
442	TANNER FRANK	481-3928 3
465	XXXX	00
466	REYNOLDS VERNON E	489-9273
481	SONTAG DALE	489-3283 8
500	TURPIN V L	489-9686 8
525	VANWIE J S	489-8386 +\$
534	KXKK	00
541	MARTELLA MARY C	489-1241
550	BROWN STEPHEN	489-8603 2
557	XXXX	00
573	KKKX	00
590	ABINGTON TIMOTHY	481-1453 +5
674	PICKETT JESSE N	489-6634
819	JACKSON GENE	489-9447 0
821	XXXX	00
825	JUBELT LARUE	489-7094
826	BROWN CARLYLE E	489-1148 0
840	XXXX	00
845	WINTER TED	481-8056 4
854		481-2380 9
855		489-2651 9
865	RIVERA DAVID JR	481-0156 • 6
874	XXXX	00
879	DORR JAS A	489-7463 8
888	WORK LLOYD J	489-2159
895	FANUCCHI JOAQUIN	489-5322 9
896	SHERWIN HERBERT G	481-2894 45
4	2 BUS 42 RES	10 NEW

W GRAND AVE 1985

	ND AV 93433	
GRO	VER CITY	
25	RIVIERA SEAFOOD	489-0725 6
75	XXXX	00
197	B J ATC RENTALS	481-5411+5
	CENTRAL CST FNCE YD	
	OHE GRAND ENTP	481-5411 4
201	DECHERT DENNIS L	481-6522 4
	UNITED COASTAL FNCL	481-3822 4
	UNITED COASTAL RLTY	481-1363 3
275	A G R O REALTY	489-4211 3
	COASTAL FUNDING GRP	481-3132+5
	CRAND ST PARLOF	489-1719 9
	GROVER CTY DVLP CO	489-4211 2
	VAULT BOUTIQUE	449-7588 9
	WILLIAMS BROS MRKTS	481-9448+5
280	XXXX	00
295	MELANIES RESTAURANT	481-1205 0
346		481-5711+5
350	SPEEDY BURGER	489-2818 6
359	0 W GROVEBS	489-1503 +5
360	XXXX	00
390	SEVEN ELEVEN FD STR	489-7518 3
401	HOLDSTOCKS SERY STA	481-7110+5
402	VICS MOBIL SERVICE	489-0005 8
453	XXXX	00
460	PICCOLOS REST	481-2817 2
480	OBRIEN WILLIAM M MD	481-3380+5
A		489-5560 9
8	FOREMASTER JOHN E	489-7337 9
483	KING OF CLUBS	489-0077 3
18	KING DE CLUBS	489-2919 4

Haines Criss-Cross Directory

N 2ND ST 1981

2ND N 93433 GROVER CITY HODGES FURNTRE UPHL 489-9596 141 172 JOES BUGGY HAUS 489-0658 9 XXXX 00 189 337 KNYPSTRA PETE M 489-1432+1 338 XXXX 00 00 350 XXXX MINTZ MONTY C 489-3387 357 362 XXXX 00 364 AZEVEDO MANUEL M 489-9115 489-2646 370 YRUEGAS JUAN 391 CF W RESRCH& DVLP 489-8750 481-4140+1 425 BENJAMIN J L 481-5433 + 1 A ODRAM ORAD 481-2584 9 434 VIMLENES L 489-6562 9 442 KOWITE JOHNS 481-6495+1 465 ODOM NANCY L

Haines Criss-Cross Directory

2ND N		93433 CONT
466	REYNOLDS VER	
481	SONTAG DALE	489-3283
500	TURPIN V L	489-9686
525	XXXX	00
534	AIKEN JUDY	489-8541
541	MARTELLA MAR	
550	HOWARD BENJA	
557	XXXX	00
573	XXXX	00
590	XXXX	00
674	PICKETT JESSE	
819	JACKSON GENE	489-9447
821	ALLEN FRANK	481-5625+
825	JUBELT LARUE	489-7094
826	BROWN CARLYL	
840	NEWDOLL LORI	489-3058
	NEWDOLL ROBE	
854	BIRLEW HOWARI	
855	ARNETT DONALD	
	STANDARD REG	
874	XXXX	00
879	DORR JAMES	489-2463
888	WORK LLOYD J	
895	FANUCCHI EDNA	
	FANUCCHI JOAO	UIN 489-5322
965	XXXX	00
*	4 BUS 38	RES 5 NEW

W GRAND AVE 1981

	white and a second	
25	RIVIERA SEAFOOD	489-D725
75G	LIONESS BOUTO THE	481-3350+
201	A G P O REALTY	489-4211+
444	CROVER CITY DEVLMAT	
275	CRAND ST PARLOR	489-1719
	PRESSURED COOKE THE	
	RITAS BABY SHOP	481-3414+
	SPINNING WHEEL	489-9688
222	VAULT BOTIOUE	489-7588
280	XXXX	00
295	MELANIES RESTAURANT	A STATE OF THE STA
346A		481-3011+
В	AZTEC TROPHIES	489-1200
350	SPEEDY BURGER	489-2816
359	CENTRAL CST BNOT EX	489-1503+
	O W GROVERS	489-1503
360	J&J FRIGIDARE LNDRY	489-9904
390	SEVEN ELEVEN FD STR	489-7516
401	CHRISTENSEN FRANK	481-3177+
× 7 - W	FRANCIS AUTOMOTIVE	481-3177+
402	VICS MOBIL SERVICE	489-9885
453	XXXX	00
460	XXXX	00
480	FERRISS ALFRED W MD	481-4800+
A	TOWN&RANCH RLTY	489-5560
В	FOREMASTER JOHN E	489-7337
483	KING OF CLUBS	489-9877+

N 2ND ST 1977

2ND N 93433 GROVER CITY 141*HAYNES ANTIQUES 489-8294+7 HAYNES FARL R 489-8294+7 172*FOUR WHEEL ORV PLCE489-7908+7 *JOES VOLKSWGN UNLT0489-0658 6 489-1089+7 189 THOMAS ODNNA 337 XXXX CO 338 XXXX 00 350 YRUEGAS CECIL 489-5258 357 MINTZ MONTY C 489-3387 362 WARREN MIGGE 489-1501+7 364 HAYNES DOUGLAS A 489-9109 5 370 YRUEGAS JUAN 489-2646 489-0177+7 434 SELLS DON R 489-3602 442 ROOGERS C H 465 XXXX 00 489-9273 5 466 REYNOLOS VERNON E 481 OLIVER RANDY W 489-8487+7 500 XXXX 00 525 HOBBS JANA 489-8443+7 534 XXXX 00 541 MARTELLA MARY C 489-1241 557 THOMPSON 808 489-6005+7 573 ANORAGE MARIE S 489-8773+7 674 PICKETT JESSE N 489-6634 5 819 FITES VERA 489-6441+7 825 JUBELT LARUE 489-7094 840 NEWOOLL KATHY 489-3058 6 489-3058 6 NEWOOLL LESLIE NEWOOLL LORI 489-3058 6 855 WILSON CATHIE L 489-5924+7 879 HARRIS RICHARD C 489-6709+7 888 WORK LLOYO J 489-2159 5 895 DESER RICHARD W 489-0657 6 3 8US 30 RES 13 NEW

W GRAND AVE 1977

GRAND AV 93433 GROVER CITY 25*RIVIERA SEAFOOO 489-0725 6 201 *A G P O REALTY 489-4211 211*GANN PLM8GEHTNG INC489-1866 5 228 XXXX 00 244 WILKINSON PETER S 489-6267 6 251 SONTAG OALE 489-3283 346*LACKEY ROBERT L 489-1906 6 35D*SPEEOY BURGER 489-2816 6 359* SURF N SIRLOIN 489-9884+7 360*LANGWELLS LAUNORY 489-99D4 390*SEVEN ELEVEN FO STR489-7516+7 401*DAVIS GULF SERVICE 489-9555+7 *U HAUL CD OEALERS 489-9555 6 402*VICS SUNLANO SERV 489-9885 453 XXXX DO 489-2919 483*KING OF CLUBS 5D1*GROVER CITY 8TY SLN489-1101 502*PHERALS RESTAURANT 489-9906 5 5D9*GRDVER CITY 8R8R SH489-4019 528 CARRERAS OELFINO 489-5978+7 *FOREMASTER JOHN F 489-7337 5 LEON MICHAEL 489-0374+7 MCCHESNEY R A 489-9366 5 8*SPINNING WHEEL 489-9688+7 C*JIMS LEATHER SPLTES481-062D+7 O COOL STEPHEN N 489-8433+7 551*MR GLENN BOUTIQUE 489-3318 560 XXXX 00 489-4489 5 568A IRVIN TERENCE 8 CAMPSELL ODUG E 489-0795+7 583*NICHOLSONS CSTA STN489-7173+7 *SEA OUNES SERVICE 489-5157 592*SANLUIS PAINTS 489-5606+7

Source POLK DIRECTORY CO

N 2ND ST 1972

2D ST N (GROVER CITY) FROM GRAND AV NORTH 2 EAST OF FRONT AV

ZIP CODE 93433 189 * Newson Maxine 489-2704 RAMONA AV INTERSECTS **BRIGHTON AV INTERSECTS** 337 Paulsen Leonard A 849-5039 STREET CONTINUED 341 No Return 350 Yruegas Cecilio @ 489-5258 350½ Vacant 354 No Return 357 Mintz Monty C @ 489-3387 362 * Hayes Roger 489-0844 364 * Gordon Anna 489-6490 370 Yruegas Juan @ 489-2646 NEWPORT AV INTERSECTS 434 * Sells Don @ 489-1486

Target Street

Cross Street

<u>Source</u>

56

POLK DIRECTORY CO

W GRAND AVE 1972

GRAND AV (GROVER CITY) FROM WEST CITY LIMIT EAST 1 SOUTH OF RAMONA AV

ZIP CODE 93433

197 Vacant 2D ST INTERSECTS

201 Bagwell H V & Co Inc real est 489-4211

> Grover City Development Co Inc realtors 489-4211

211 Miner's Antiques

228 Biker's Paradise 489-5733 ★ Hall Bruce ⊚

244 No Return

251 Sontag Dale A 489-3283

300 Jenkins Lumber Yard

S 3D ST INTERSECTS

350 Burger King drive in restr 489-3143

359 Surf 'n' Sirloin 489-5322

360 Eighteen Minute Wash Free Dry 48-9904

S 4TH ST INTERSECTS

401 Slete's Gulf 489-8118

402 Vic's Sunland Service gas sta 489-9885

483 F & M Liquor 489-2919 King Of Clubs tavern 489-2919

S 5TH ST INTERSECTS

501 Grover City Beauty Salon 489-1101

502 Coffee Cup restr 489-9906

509a # Hernandez Nettie 489-1546

509b Grover City Barber Shop 489-4019

551 Mister Glenn ladies clo & boutique 489-3318

560 Camp's Sporting Goods 489-7262

Camp Homer 489-7262

Grand View Apartments

1 * Henry M Irvine 2 * Hait Jim 489-3659

3 * Mendoza Arnulfo

4 No Return

568 Vacant

583 Nichlson Economy 489-7172 Sea Dunes Service 489-5157

592 Swap Shop 489-2651

Source POLK DIRECTORY CO

N 2ND ST 1967 50 2D N (Grover City)-From Grand av north, 2 east of Front Zip Code 93433 189a-189c Vacant Ramona av intersects Brighton intersects 336 Vacant 337 Vacant 338 Apartments 1 Wheeler Jerry 2 Ward June G 3 Hurst Mary L Mrs 489-5334 4 Shugart Kenneth E 5 Galbraith Louise 6 Corker Mack 489-7211 7 Vacant 8 Thompson Kass 9 Pierce John 10 Vessell Paul 11 Sullivan Leo L 12 Johnson Allan W 489-4506 13 Avendano Matt 341 Vacant 350 Yruegas Cecilio @ 489-5258 $350\frac{1}{2}$ Yruegas Juan 357 Mintz Monty C @ 489-3387 362 Rippee Fred H 489-1926 364 Vacant 370 Corker Billy R @ Newport intersects 434 Duque Flwet O 442 Parker Frank I @ 489-7376 465 Garner Wade C

N 2ND ST 1967

466 Hawerton Vernon G 489-4364 481 No return Saratoga intersects 500 Simmermaker Walter 489-5447 525 Vacant 534 Vacant 541 Martella Mary Mrs © 489-5456 550 Sharp Dennis 489-6344 573 No return 573a Vacant 589 Vacant 590 Unch Darrel J 489-6492 Atlantic intersects 674 Timmer John L @ 489-4184 Parkview intersects Oceanview intersects 819 Newdoll Robt H @ 489 - 4457 825 Vacant

Source POLK DIRECTORY CO

W GRAND AVE 1967 56 GRAND AV (Grover City) -From west city limits to east city limits **Zip Code 93433** 301 Bagwell H V & Co Inc real est bldrs 489-4211 Grover City Development Co Inc real est bldrs 489-4211 211 House of Bargains furn 489-2876 228 Davis Tom Motorcycles 489-2129 Davis Thos W 244 Vacant 251 Vacant 275 Vacant S 3d intersects 300 Jenkins Lumber Yard 389 Surf 'N' Sirloin restr 489-9853 S 4th intersects 401 Fourth & Grand Gulf gas sta 489-7661 402 Vacant 483 King of Clubs tavern 489-2919 F&M Liquor sls 489-2919 S 5th intersects 501 Grover City Beauty Salon 489-1011 502 Coffee Cup restr 509a Vacant 509b Grover City Barber Shop 489-4019

551 Logan Fred G

W GRAND AVE 1967

GRA	ND AV (GC)—Contd
560	Camp's Sporting Goods
	489-7262
	Camp Homer 489-7262
G	rand View Apartments
	1 Cook West
2	2 Mejia F
	3 Vacant
	4 Hager Bill
	Trice J H
583	McGowne's Hancock Serv
	gas sta 489-2279
592	Swap Shop 489-2651

Source
POLK DIRECTORY CO

N 2ND ST 1962

50 2D NORTH (Grover City)-From Grand av north 189 Apartments 1 Vacant 2 Vacant 3 Vacant 4 Rex Albert L 5 Sears Geo Street continued Ramona av intersects Brighton intersects 336 Mick Robt A 337 Couch Jim 338 Apartments 1 Collier Walter A 2 Lasley Robt R 3 Dennis Wm L 4 Nieto Alfredo S 5 Gentry Steph T 6 Mattison James A 7 Hubble Carl 8 Harris Wayne 9 McGill Ray 10 Williams Jas M 489-4902 11 Fliehr Jerry D 12 Johnson Allan W 489-4506 13 Dooley Verlin F 489-7511 Street continued 350 Yruegas Cecilio ⊚ 489-5258 350½ Yruegas Juan 357 Mintz Monty C ⊚ 489-3387 362 Gordon Ann @ 489-5621 364 Martin Ralph jr 370 Corker Billy R ⊚ Newport intersects 434 Roberts Will R @ 489-7360 465 Swift LaVerne Mrs 466 Larsen C 481 Ponce Franquilino Saratoga intersects 500 Gheno John jr 489-7304 525 Vacant 534 Martella Jas @ 489-5456 541 Simmermaker Wallace W 489-5447

N 2ND ST

1962

550 Sanchez Steve 557 Mitchell James D 573 Addison Andrew 573a Dawley Dennis R 590 Deal Edw Atlantic intersects 674 Timmer John L @ 489-4184 Parkview intersects Oceanview intersects 819 Newdoll Robt H @ 489-4457 825 Vacant

Source
POLK DIRECTORY CO

W GRAND AVE 1962

GRAND AVENUE (Grover City)-From west city limits to east city limits 201 Grover City Development Co Inc real est bldrs 489-4211 Bagwell H V & Co Inc real est bldrs 489-2820 211 House of Bargains furn 489-2876 228 Odom Thelma Mrs 275 Scott Freda Mrs S 3d intersects 300 Jenkins Lumber Yard 389 Jerry's cocktail lounge © 489-9988 S 4th intersects S 5th intersects 501 Grover City Beauty Shop 489-5713 509 Bowman Walter C 1wyr 489-4416 Grover City Barber Shop 489-4019 560 Grand View Apts Christensen Borge (A1) Martin Gayle (A3) Taylor Leonard D (B2) Westman Henry E (B4) Tucker Kenneth 568 Hickenbottom Beauty Salon 489-2165 6th intersects



Radius Map Report Appendix

197 West Grand 197 West Grand Grover Beach, CA 93433

Inquiry Number: 6938485.2s

April 13, 2022

EDR Summary Radius Map Report



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

197 WEST GRAND GROVER BEACH, CA 93433

COORDINATES

Latitude (North): 35.1223860 - 35⁷ 7' 20.58" Longitude (West): 120.6293230 - 120³ 37' 45.56"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 716031.6 UTM Y (Meters): 3888989.5

Elevation: 19 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TF

Source: U.S. Geological Survey

Target Property: NE

Source: U.S. Geological Survey

Target Property: SE

Source: U.S. Geological Survey

Target Property: NW

Source: U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140604, 20140924

Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 197 WEST GRAND GROVER BEACH, CA 93433

Click on Map ID to see full detail.

	ir map 12 to ooo ran actain				
MAP ID	SITE NAME	ADDRESS		RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BJ ATV RENTALS	197 GRAND AVENUE	HAULERS		TP
A2	BJ'S ATV RENTALS	197 W GRAND AVE	CUPA Listings		TP
A3	B J ATV RENTALS INC	197 GRAND AVENUE	HAZNET, HWTS		TP
A4	B J ATV RENTALS INC	197 GRAND AVENUE	FINDS, ECHO		TP
A5	B J ATV RENTALS INC	197 GRAND AVENUE	RCRA NonGen / NLR		TP
A6	BJ'S ATV RENTALS	197 W GRAND AVE	CERS HAZ WASTE, CERS		TP
A7	BJ'S ATV RENTALS	197 W GRAND AVE	FINDS		TP
A8	ARNIE'S ATV RENTALS	171 N 2ND ST	RCRA NonGen / NLR	Higher	10, 0.002, ENE
A9	ARNIE'S ATV RENTALS	171 N 2ND ST	CUPA Listings	Higher	10, 0.002, ENE
A10	BOYCES GASOLINE ALLE	127 RAMONA AVE	EDR Hist Auto	Higher	108, 0.020, NNE
A11	BEACH FRONT AUTO SER	105 NORTH HWY 1	EDR Hist Auto	Lower	178, 0.034, SW
A12	JACKPOT	105 N HWY 1	HIST UST	Lower	178, 0.034, SW
A13	JACKPOT SERVICE STAT	105 1	HIST CORTESE	Lower	178, 0.034, SW
B14	OVER THE TOP AUTO SH	202 FRONT ST	CUPA Listings	Higher	187, 0.035, NNE
B15	TAYLOR'S TUNE UP SHO	242 FRONT ST	CERS HAZ WASTE, CERS	Higher	216, 0.041, North
B16	UNCLE TONY'S AUTO	242 FRONT ST	RCRA NonGen / NLR	Higher	216, 0.041, North
B17	TAYLOR'S TUNE UP SHO	242 FRONT ST	CUPA Listings	Higher	216, 0.041, North
B18	UNCLE TONY'S AUTO	242 FRONT ST	CUPA Listings	Higher	216, 0.041, North
C19	BOB DIAS CARWASH	320 W GRAND AVE	CUPA Listings	Higher	467, 0.088, ESE
C20	VERIZON WIRELESS 4TH	201 S 3RD ST	CUPA Listings	Higher	517, 0.098, SE
C21	7-ELEVEN INC. STORE	390 W GRAND AVE	CUPA Listings, CERS	Higher	608, 0.115, ESE
D22	BUGGY HAUS, THE	239 S THIRD ST	CUPA Listings	Higher	657, 0.124, SE
E23	VIC'S MOBIL	402 GRAND	LUST, HIST CORTESE, Notify 65	Higher	809, 0.153, ESE
D24	TOM AND TERESA KOSTA	305 LONGBRANCH AVE	RCRA NonGen / NLR	Higher	831, 0.157, SSE
D25	AMERICAN STAR TOURS	251 LONGBRANCH AVE	AST, CERS HAZ WASTE, CUPA Listings, HAZNET, CERS	, Higher	845, 0.160, SSE
D26	AMERICAN STAR TOURS	251 LONGBRANCH AVE	RCRA NonGen / NLR	Higher	845, 0.160, SSE
E27	POLIN	401 GRAND	HIST UST	Higher	859, 0.163, East
28	PISMO STATE BEACH GO	9 LA SAGE DR	CUPA Listings	Higher	875, 0.166, NW
D29	SIERRA BODY SHOP	262 S 4TH ST	CUPA Listings	Higher	878, 0.166, SE
D30	SIERRA BODY SHOP LLC	262 S 4TH ST	RCRA NonGen / NLR	Higher	878, 0.166, SE
31	AT&T - SE1JV	458 RAMONA AVE	CUPA Listings, CERS	Higher	998, 0.189, East
F32	ALUMATEC, INC	338 S 4TH ST	RCRA-SQG, FINDS, ECHO	Higher	1103, 0.209, SE
F33	CALIFORNIA FINE WIRE	338 SOUTH 4TH STREET	RCRA-LQG, CHMIRS, FINDS, ECHO, CUPA Listings, EMI	Higher	1103, 0.209, SE
F34	CALIFORNIA FINE WIRE	338 S 4TH ST	CERS HAZ WASTE, CERS	Higher	1103, 0.209, SE
35	PRYOR INDUSTRIES INC	45 NEWPORT	HIST UST, HWTS	Higher	1117, 0.212, NNW
36	THE HDD COMPANY	25 W GRAND AVE	RCRA NonGen / NLR	Higher	1131, 0.214, West
G37	DIVINE THAI CUISINE	501 W GRAND AVE	CUPA Listings	Higher	1201, 0.227, East
38	MARSHALL SUPPLY INC	390 MANHATTEN	HIST UST	Higher	1310, 0.248, SSE
G39	WAYNE CAMPFIELD	542 RAMONA AVE.	RCRA NonGen / NLR	Higher	1317, 0.249, East

MAPPED SITES SUMMARY

Target Property Address: 197 WEST GRAND GROVER BEACH, CA 93433

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H40	UNOCAL #5660	684 GRAND AVE	LUST, SWEEPS UST, CERS	Higher	1751, 0.332, East
H41	UNOCAL SERVICE STATI	684 GRAND	LUST, Notify 65	Higher	1751, 0.332, East
H42	TOSCO - FACILITY #56	684 GRAND AVE	LUST, Cortese, CERS	Higher	1751, 0.332, East
H43	UNOCAL SERVICE STATI	684 GRAND	LUST, Cortese, HIST CORTESE	Higher	1751, 0.332, East
44	ARMY RECREATION CAMP		FUDS	Higher	1871, 0.354, ENE
H45	LOUIES AUTO CLINIC A	702 GRAND AVE	LUST, HIST UST, Cortese	Higher	1958, 0.371, East
46	JACKPOT SERVICE STAT	105 HWY 1 N	LUST, Cortese, CERS	Higher	2359, 0.447, SSE
47	ARMY REC CAMP		ENVIROSTOR	Higher	2381, 0.451, North

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
BJ ATV RENTALS 197 GRAND AVENUE GROVER BEACH, CA 93433	HAULERS Facility ID: 1839814	N/A
BJ'S ATV RENTALS 197 W GRAND AVE GROVER BEACH, CA 93433	CUPA Listings Database: CUPA SAN LUIS OBISPO, Date of Gov Facility Id: FA0002157 Status: Active, billable	N/A vernment Version: 11/15/2021
B J ATV RENTALS INC 197 GRAND AVENUE GROVER BEACH, CA 93433	HAZNET GEPAID: CAL000055409 HWTS	N/A
B J ATV RENTALS INC 197 GRAND AVENUE GROVER BEACH, CA 93433	FINDS Registry ID:: 110070444790 ECHO Registry ID: 110070444790	N/A
B J ATV RENTALS INC 197 GRAND AVENUE GROVER BEACH, CA 93433	RCRA NonGen / NLR EPA ID:: CAL000055409	CAL000055409
BJ'S ATV RENTALS 197 W GRAND AVE GROVER BEACH, CA 93433	CERS HAZ WASTE CERS	N/A
BJ'S ATV RENTALS 197 W GRAND AVE GROVER BEACH, CA 93433	FINDS Registry ID:: 110065014674	N/A

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 02/28/2022 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA FINE WIRE	338 SOUTH 4TH STREET	SE 1/8 - 1/4 (0.209 mi.)	F33	15
EPA ID:: CAD008283996				

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 02/28/2022 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALUMATEC, INC EPA ID:: CAD089041289	338 S 4TH ST	SE 1/8 - 1/4 (0.209 mi.)	F32	15

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: A review of the ENVIROSTOR list, as provided by EDR, and dated 10/25/2021 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARMY REC CAMP Facility Id: 80000765 Status: No Further Action		N 1/4 - 1/2 (0.451 mi.)	47	19

Lists of state and tribal leaking storage tanks

LUST: A review of the LUST list, as provided by EDR, has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VIC'S MOBIL	402 GRAND	ESE 1/8 - 1/4 (0.153 mi.)	E23	13
Database: LUST, Date of Government	nent Version: 12/06/2021	, ,		
Global Id: T0607900160				
Status: Completed - Case Closed				
UNOCAL #5660	684 GRAND AVE	E 1/4 - 1/2 (0.332 mi.)	H40	17
Database: LUST REG 3, Date of 0	Government Version: 05/19/2003	,		
Status: Leak being confirmed				

Global ID: T0607999982 UNOCAL SERVICE STATI Database: LUST, Date of Governmen Global Id: T0607900162	684 GRAND t Version: 12/06/2021	E 1/4 - 1/2 (0.332 mi.)	H41	17
Status: Completed - Case Closed TOSCO - FACILITY #56 Database: LUST REG 3, Date of Gov Status: Case Closed Global ID: T0607900162	684 GRAND AVE ernment Version: 05/19/2003	E 1/4 - 1/2 (0.332 mi.)	H42	18
UNOCAL SERVICE STATI Database: LUST, Date of Governmen Global Id: T0607999982 Status: Completed - Case Closed	684 GRAND t Version: 12/06/2021	E 1/4 - 1/2 (0.332 mi.)	H43	18
LOUIES AUTO CLINIC A Database: LUST, Date of Governmen Global Id: T0607936656 Status: Completed - Case Closed	702 GRAND AVE t Version: 12/06/2021	E 1/4 - 1/2 (0.371 mi.)	H45	18
JACKPOT SERVICE STAT Database: LUST REG 3, Date of Gov Database: LUST, Date of Governmen		SSE 1/4 - 1/2 (0.447 mi.)	46	19

Status: Case Closed Global Id: T0607900185

Status: Completed - Case Closed

Global ID: T0607900185

Lists of state and tribal registered storage tanks

AST: A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN STAR TOURS	251 LONGBRANCH AVE	SSE 1/8 - 1/4 (0.160 mi.)	D25	13
Database: AST, Date of Government Ve	rsion: 07/06/2016			

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/18/2022 has revealed that there are 3 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TAYLOR'S TUNE UP SHO	242 FRONT ST	N 0 - 1/8 (0.041 mi.)	B15	11
AMERICAN STAR TOURS	251 LONGBRANCH AVE	SSE 1/8 - 1/4 (0.160 mi.)	D25	13
CALIFORNIA FINE WIRE	338 S 4TH ST	SE 1/8 - 1/4 (0.209 mi.)	F34	16

Local Lists of Registered Storage Tanks

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
POLIN Facility Id: 00000057443	401 GRAND	E 1/8 - 1/4 (0.163 mi.)	E27	14	
PRYOR INDUSTRIES INC Facility Id: 00000047766	45 NEWPORT	NNW 1/8 - 1/4 (0.212 mi.)	35	16	
MARSHALL SUPPLY INC Facility Id: 00000063639	390 MANHATTEN	SSE 1/8 - 1/4 (0.248 mi.)	38	17	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
JACKPOT Facility Id: 0000008172	105 N HWY 1	SW 0 - 1/8 (0.034 mi.)	A12	11	

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/28/2022 has revealed that there are 7 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	ual/Higher Elevation Address		Map ID	Page	
ARNIE'S ATV RENTALS EPA ID:: CAL000291162	171 N 2ND ST	ENE 0 - 1/8 (0.002 mi.)	A8	10	
UNCLE TONY'S AUTO EPA ID:: CAL000409031	242 FRONT ST	N 0 - 1/8 (0.041 mi.)	B16	12	
TOM AND TERESA KOSTA	305 LONGBRANCH AVE	SSE 1/8 - 1/4 (0.157 mi.)	D24	13	
AMERICAN STAR TOURS EPA ID:: CAL000385487	251 LONGBRANCH AVE	SSE 1/8 - 1/4 (0.160 mi.)	D26	14	
SIERRA BODY SHOP LLC EPA ID:: CAL000366614	262 S 4TH ST	SE 1/8 - 1/4 (0.166 mi.)	D30	15	
THE HDD COMPANY	25 W GRAND AVE	W 1/8 - 1/4 (0.214 mi.)	36	16	
WAYNE CAMPFIELD EPA ID:: CAC003053979	542 RAMONA AVE.	E 1/8 - 1/4 (0.249 mi.)	G39	17	

FUDS: A review of the FUDS list, as provided by EDR, and dated 10/26/2021 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARMY RECREATION CAMP		ENE 1/4 - 1/2 (0.354 mi.)	44	18

Cortese: A review of the Cortese list, as provided by EDR, and dated 12/16/2021 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	ual/Higher Elevation Address		Map ID	Page	
TOSCO - FACILITY #56 684 GRAND AVE Cleanup Status: COMPLETED - CASE CLOSED		E 1/4 - 1/2 (0.332 mi.)	H42	18	
UNOCAL SERVICE STATI Cleanup Status: COMPLETED - CA	684 GRAND ASE CLOSED	E 1/4 - 1/2 (0.332 mi.)	H43	18	
LOUIES AUTO CLINIC A Cleanup Status: COMPLETED - CA	702 GRAND AVE ASE CLOSED	E 1/4 - 1/2 (0.371 mi.)	H45	18	
JACKPOT SERVICE STAT Cleanup Status: COMPLETED - CA	105 HWY 1 N ASE CLOSED	SSE 1/4 - 1/2 (0.447 mi.)	46	19	

CUPA Listings: A review of the CUPA Listings list, as provided by EDR, has revealed that there are 14 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARNIE'S ATV RENTALS Database: CUPA SAN LUIS OBISP Facility Id: FA0005029 Status: Inactive, non-billable Status: Active, billable	171 N 2ND ST O, Date of Government Versior	ENE 0 - 1/8 (0.002 mi.) n: 11/15/2021	A9	10
OVER THE TOP AUTO SH Database: CUPA SAN LUIS OBISP Facility Id: FA0007897 Status: Inactive, non-billable	202 FRONT ST O, Date of Government Versior	NNE 0 - 1/8 (0.035 mi.) n: 11/15/2021	B14	11
TAYLOR'S TUNE UP SHO Database: CUPA SAN LUIS OBISP Facility Id: FA0002094 Status: Inactive, non-billable	242 FRONT ST O, Date of Government Versior	N 0 - 1/8 (0.041 mi.) n: 11/15/2021	B17	12
UNCLE TONY'S AUTO Database: CUPA SAN LUIS OBISP Facility Id: FA0012854 Status: Inactive, non-billable Status: Active, billable	242 FRONT ST O, Date of Government Versior	N 0 - 1/8 (0.041 mi.) n: 11/15/2021	B18	12
BOB DIAS CARWASH Database: CUPA SAN LUIS OBISP Facility Id: FA0007209 Status: Inactive, non-billable	320 W GRAND AVE O, Date of Government Versior	ESE 0 - 1/8 (0.088 mi.) n: 11/15/2021	C19	12
VERIZON WIRELESS 4TH Database: CUPA SAN LUIS OBISP Facility Id: FA0008938 Status: Active, billable	201 S 3RD ST O, Date of Government Versior	SE 0 - 1/8 (0.098 mi.) n: 11/15/2021	C20	12
7-ELEVEN INC. STORE Database: CUPA SAN LUIS OBISP Facility ld: FA0000303 Status: Inactive, non-billable	390 W GRAND AVE O, Date of Government Version	ESE 0 - 1/8 (0.115 mi.) n: 11/15/2021	C21	13
BUGGY HAUS, THE Database: CUPA SAN LUIS OBISP	239 S THIRD ST O, Date of Government Versior	SE 0 - 1/8 (0.124 mi.) n: 11/15/2021	D22	13

Facility Id: FA0001571 Facility Id: FA0011772 Status: Inactive, non-billable AMERICAN STAR TOURS 251 LONGBRANCH AVE SSE 1/8 - 1/4 (0.160 mi.) 13 D25 Database: CUPA SAN LUIS OBISPO, Date of Government Version: 11/15/2021 Facility Id: FA0011233 Status: Inactive, non-billable Status: Active, billable PISMO STATE BEACH GO 9 LA SAGE DR NW 1/8 - 1/4 (0.166 mi.) 28 14 Database: CUPA SAN LUIS OBISPO, Date of Government Version: 11/15/2021 Facility Id: FA0001812 Status: Inactive, non-billable SIERRA BODY SHOP 262 S 4TH ST SE 1/8 - 1/4 (0.166 mi.) D29 14 Database: CUPA SAN LUIS OBISPO, Date of Government Version: 11/15/2021 Facility Id: FA0005030 Status: Inactive, non-billable Status: Active, billable AT&T - SE1JV 458 RAMONA AVE E 1/8 - 1/4 (0.189 mi.) 31 15 Database: CUPA SAN LUIS OBISPO, Date of Government Version: 11/15/2021 Facility Id: FA0014709 Status: Active, billable SE 1/8 - 1/4 (0.209 mi.) CALIFORNIA FINE WIRE 338 SOUTH 4TH STREET F33 15 Database: CUPA SAN LUIS OBISPO, Date of Government Version: 11/15/2021 Facility Id: FA0002152 Status: Inactive, non-billable Status: Active, billable **DIVINE THAI CUISINE** 501 W GRAND AVE E 1/8 - 1/4 (0.227 mi.) G37 16 Database: CUPA SAN LUIS OBISPO, Date of Government Version: 11/15/2021 Facility Id: FA0000511 Status: Inactive, non-billable

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
VIC'S MOBIL Reg ld: 716	402 GRAND	ESE 1/8 - 1/4 (0.153 mi.)	E23	13	
UNOCAL SERVICE STATI Reg ld: 722	684 GRAND	E 1/4 - 1/2 (0.332 mi.)	H43	18	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
JACKPOT SERVICE STAT Reg ld: 854	105 1	SW 0 - 1/8 (0.034 mi.)	A13	11	

Notify 65: A review of the Notify 65 list, as provided by EDR, and dated 12/13/2021 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VIC'S MOBIL	402 GRAND	ESE 1/8 - 1/4 (0.153 mi.)	E23	13
UNOCAL SERVICE STATI	684 GRAND	E 1/4 - 1/2 (0.332 mi.)	H41	17

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation Address		Direction / Distance	Map ID	Page	
BOYCES GASOLINE ALLE 127 RAMONA AVE		NNE 0 - 1/8 (0.020 mi.)	A10	10	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
BEACH FRONT AUTO SER	105 NORTH HWY 1	SW 0 - 1/8 (0.034 mi.)	A11	11	

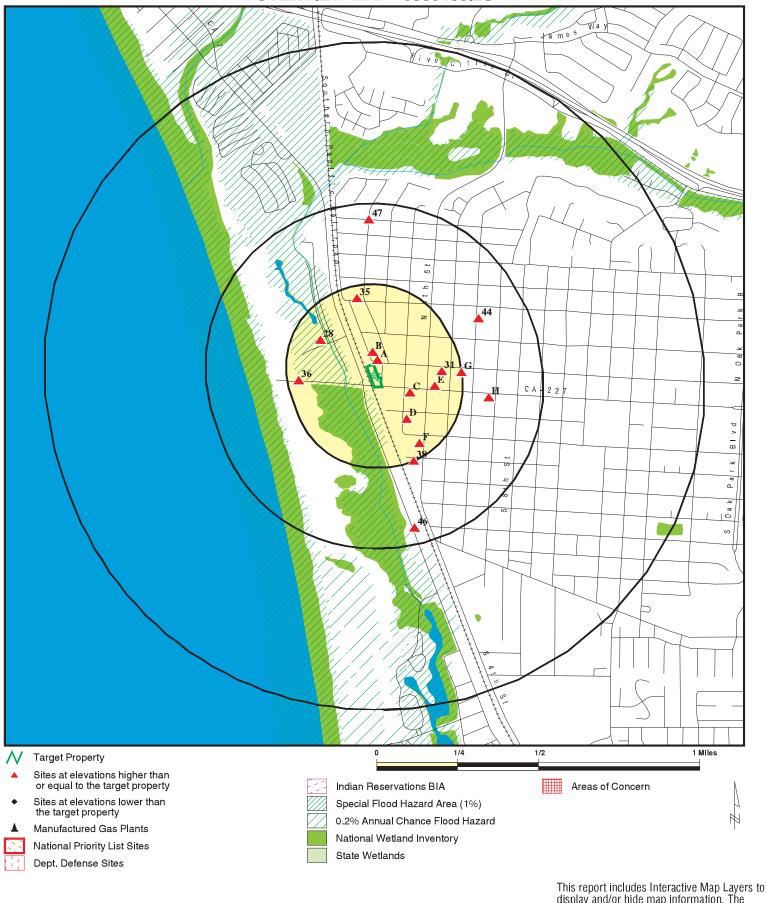
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Zip Database(s)	93445 CERS HAZ WASTE
Site Address	1860 HIGHWAY 1 OCEANO
EDR ID Site Name	S126138106 OAK HARBOR FREIGHT LINES SANTA MAR
EDR	S126
City	OCEANO

ORPHAN SUMMARY

Count: 1 records.

OVERVIEW MAP - 6938485.2S



display and/or hide map information. The legend includes only those icons for the default map view.

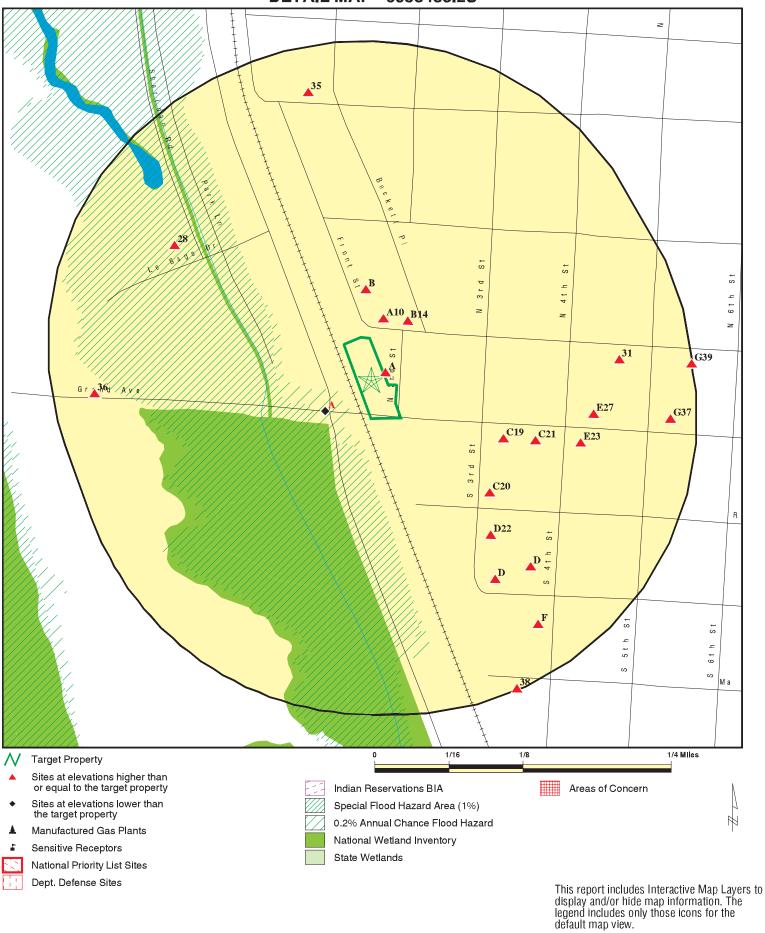
SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach CA 93433 LAT/LONG: 35.122386 / 120.629323 CLIENT: CONTACT: Universal Engineering Sciences

Brendan Kallaus INQUIRY#: 6938485.2s

DATE: April 13, 2022 5:52 pm

DETAIL MAP - 6938485.2S



SITE NAME: 197 West Grand
ADDRESS: 197 West Grand
Grover Beach CA 93433
LAT/LONG: 35.122386 / 120.629323

CLIENT: Universal Engineering Sciences
CONTACT: Brendan Kallaus
INQUIRY #: 6938485.2s
DATE: April 13, 2022 5:52 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Su	perfund) sites	6						
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of Federal Delisted	I NPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites su CERCLA removals and (rs						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCLA	A sites with N	FRAP						
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA fa undergoing Corrective A								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA T	SD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA g	enerators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	1 1 0	NR NR NR	NR NR NR	NR NR NR	1 1 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent s								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilitie	Lists of state- and tribal hazardous waste facilities							
ENVIROSTOR	1.000		0	0	1	0	NR	1
Lists of state and tribal land solid waste disposa								
SWF/LF	0.500		0	0	0	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
Lists of state and tribal l	Lists of state and tribal leaking storage tanks								
LUST INDIAN LUST CPS-SLIC	0.500 0.500 0.500		0 0 0	1 0 0	6 0 0	NR NR NR	NR NR NR	7 0 0	
Lists of state and tribal I	registered sto	rage tanks							
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 1 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 1 0	
Lists of state and tribal	-	anup sites							
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0	NR NR	NR NR	0 0	
Lists of state and tribal l	brownfield sit	tes							
BROWNFIELDS	0.500		0	0	0	NR	NR	0	
ADDITIONAL ENVIRONMEN	ITAL RECORD	<u>s</u>							
Local Brownfield lists									
US BROWNFIELDS	0.500		0	0	0	NR	NR	0	
Local Lists of Landfill / S Waste Disposal Sites	Solid								
WMUDS/SWAT SWRCY HAULERS INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 TP 0.500 0.500 0.500 0.500	1	0 0 NR 0 0 0	0 0 NR 0 0 0	0 0 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 1 0 0 0	
Local Lists of Hazardous Contaminated Sites	s waste /								
US HIST CDL HIST Cal-Sites SCH CDL Toxic Pits CERS HAZ WASTE US CDL AQUEOUS FOAM PFAS	TP 1.000 0.250 TP 1.000 0.250 TP TP 0.500	1	NR 0 0 NR 0 1 NR NR 0	NR 0 0 NR 0 2 NR NR 0	NR 0 NR NR 0 NR NR NR	NR 0 NR NR 0 NR NR NR	NR NR NR NR NR NR NR NR	0 0 0 0 0 4 0 0	
Local Lists of Registered	d Storage Tar	ıks							
SWEEPS UST HIST UST CA FID UST	0.250 0.250 0.250		0 1 0	0 3 0	NR NR NR	NR NR NR	NR NR NR	0 4 0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted		
CERS TANKS	0.250		0	0	NR	NR	NR	0		
Local Land Records										
LIENS LIENS 2 DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0		
Records of Emergency Release Reports										
HMIRS CHMIRS LDS MCS SPILLS 90	TP TP TP TP TP		NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0		
Other Ascertainable Records										
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES ABANDONED MINES	0.250 1.000 1.000 0.500 TP TP TP 0.250 TP TP 1.000 TP	1	2 0 0 0 R R O R R R O R R R R R R R R R R	5 0 0 0 RR 0 RR R 0 R RR R R R R R R N 0 R R R O 0 0 0 R R O 0 0 0 R R O 0 0 0 0	NT 0 0 R R R R R R O R R R R R R R O R R R R	NO	N N N N N N N N N N N N N N N N N N N	8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
FINDS DOCKET HWC UXO ECHO	TP TP 1.000 TP	2	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR NR NR	2 0 0 1		

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
FUELS PROGRAM CA BOND EXP. PLAN Cortese CUPA Listings DRYCLEANERS EMI ENF Financial Assurance HAZNET ICE HIST CORTESE HWP HWT MINES MWMP NPDES PEST LIC PROC Notify 65 UIC UIC GEO WASTEWATER PITS WDS WIP MILITARY PRIV SITES PROJECT WDR CIWQS CERS NON-CASE INFO OTHER OIL GAS PROD WATER PONDS SAMPLING POINT WELL STIM PROJ HWTS	0.250 1.000 0.500 0.250 TP TP TP TP TP 0.500 1.000 0.250 0.250 0.250 TP TP 0.500 1.000 TP TP 0.500 1.000 TP	1 1 1 1	00080RRRRR10000RR00RRORRRRRRRRRRRRRRRRRR	0 0 0 6 0 NR NRR NR 1 0 0 0 0 0 RR OR OR OR NRR NRR NRR NRR NRR NRR NRR	NR O 4 NRR NRR NRR NRR NRR NRR NRR NRR NRR N	NO NR NR R R R R O R R R R R R R R R R R	_	0 0 4 15 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	
MINES MRDS	TP		NR	NR	NR	NR	NR	0	
EDR HIGH RISK HISTORICA	L RECORDS								
EDR Exclusive Records				_	_	_		_	
EDR MGP EDR Hist Auto EDR Hist Cleaner	1.000 0.125 0.125		0 2 0	0 NR NR	0 NR NR	0 NR NR	NR NR NR	0 2 0	
EDR RECOVERED GOVERN	MENT ARCHIV	<u>/ES</u>							
Exclusive Recovered Govt. Archives									
RGA LF RGA LUST	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0	
- Totals		10	15	22	14	0	0	61	

Search

Distance (Miles)

Target Property

< 1/8 1/8 - 1/4

1/4 - 1/2

1/2 - 1 > 1

Total Plotted

NOTES:

Database

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

Α1 **BJ ATV RENTALS HAULERS** S127799883 N/A

Target 197 GRAND AVENUE Property GROVER BEACH, CA 93433

Click here for full text details

Actual: 19 ft.

HAULERS

Facility ID 1839814

A2 BJ'S ATV RENTALS CUPA Listings S110743666

Target 197 W GRAND AVE

Property GROVER BEACH, CA 93433

Click here for full text details

Actual: 19 ft.

CUPA Listings

Facility Id FA0002157 Status Active, billable

B J ATV RENTALS INC S113043066 А3 **HAZNET Target 197 GRAND AVENUE HWTS** N/A

GROVER BEACH, CA 93433 Property

Click here for full text details

Actual: 19 ft.

HAZNET

GEPAID CAL000055409

B J ATV RENTALS INC FINDS 1024656402 Α4 **197 GRAND AVENUE ECHO** N/A **Target**

GROVER BEACH, CA 93433 Property

Click here for full text details Actual:

19 ft.

FINDS

Registry ID: 110070444790

ECHO

Registry ID 110070444790

Α5 **B J ATV RENTALS INC** RCRA NonGen / NLR 1024788892 CAL000055409

197 GRAND AVENUE Target GROVER BEACH, CA 93433 Property

Click here for full text details Actual:

19 ft.

RCRA NonGen / NLR

EPA Id CAL000055409

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A6 **BJ'S ATV RENTALS CERS HAZ WASTE** S124441157

Target 197 W GRAND AVE **CERS** N/A

GROVER BEACH, CA 93433 Property

Click here for full text details

Actual: 19 ft.

Α7 **BJ'S ATV RENTALS FINDS** 1023215698

Target 197 W GRAND AVE N/A

Property GROVER BEACH, CA 93433

Click here for full text details Actual:

19 ft. **FINDS**

Registry ID: 110065014674

ARNIE'S ATV RENTALS RCRA NonGen / NLR **8**A 1024810691

ENE 171 N 2ND ST

< 1/8 **GROVER BEACH, CA 93433**

0.002 mi.

10 ft.

Click here for full text details Relative:

Higher

RCRA NonGen / NLR EPA Id CAL000291162

Α9 **ARNIE'S ATV RENTALS CUPA Listings** S110743789

ENE 171 N 2ND ST

< 1/8 **GROVER BEACH, CA 93433**

0.002 mi. 10 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0005029 Status Inactive, non-billable Status Active, billable

BOYCES GASOLINE ALLEY A10 1020707725 **EDR Hist Auto** N/A

NNE 127 RAMONA AVE **GROVER BEACH, CA 93433**

< 1/8

0.020 mi.

108 ft.

Click here for full text details

Relative: Higher

CAL000291162

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A11 **BEACH FRONT AUTO SERVICE** **EDR Hist Auto** 1021520015

N/A

SW **105 NORTH HWY 1** < 1/8 **GROVER CITY, CA 93433**

0.034 mi. 178 ft.

Click here for full text details

Relative: Lower

A12 **JACKPOT** HIST UST U001585300 SW

105 N HWY 1 N/A

< 1/8 CROVER CITY, CA 93433 0.034 mi.

178 ft.

Click here for full text details

Relative: Lower

HIST UST

Facility Id 00000008172

HIST CORTESE \$104164269 A13 **JACKPOT SERVICE STAT (FOR**

SW 105 1 N/A

< 1/8 **GROVER CITY, CA 93433**

0.034 mi. 178 ft.

Click here for full text details Relative:

Lower

HIST CORTESE Reg Id 854

B14 **OVER THE TOP AUTO SHOP CUPA Listings** S117845655

NNE 202 FRONT ST

< 1/8 **GROVER BEACH, CA 93433**

0.035 mi. 187 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0007897 Status Inactive, non-billable

B15 **TAYLOR'S TUNE UP SHOP** North 242 FRONT ST

< 1/8 **GROVER BEACH, CA 93433**

0.041 mi. 216 ft.

Relative: Higher

Click here for full text details

TC6938485.2s Page 11

N/A

S121791365

N/A

CERS HAZ WASTE

CERS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

B16 UNCLE TONY'S AUTO RCRA NonGen / NLR 1024850939 North 242 FRONT ST CAL000409031

< 1/8 **GROVER BEACH, CA 93433**

0.041 mi. 216 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA Id CAL000409031

B17 **TAYLOR'S TUNE UP SHOP CUPA Listings** S108218885 N/A

North 242 FRONT ST

< 1/8 0.041 mi. 216 ft.

GROVER BEACH, CA 93433

Relative:

Click here for full text details

Higher

CUPA Listings

Facility Id FA0002094 Status Inactive, non-billable

B18 **UNCLE TONY'S AUTO CUPA Listings** S120703363 N/A

North 242 FRONT ST

< 1/8 **GROVER BEACH, CA 93433** 0.041 mi.

216 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0012854 Status Inactive, non-billable Status Active, billable

C19 **BOB DIAS CARWASH CUPA Listings** S110744115 N/A

ESE 320 W GRAND AVE < 1/8 **GROVER BEACH, CA 93433**

0.088 mi. 467 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0007209 Status Inactive, non-billable

C20 **CUPA Listings VERIZON WIRELESS 4TH & ATLANTIC** S112186013

SE 201 S 3RD ST

GROVER BEACH, CA 93433 < 1/8

0.098 mi. 517 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0008938 Status Active, billable

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CUPA Listings

CERS

Notify 65

CUPA Listings

HAZNET

CERS HWTS S116678868

N/A

C21 7-ELEVEN INC. STORE #16780

ESE 390 W GRAND AVE < 1/8 **GROVER BEACH, CA 93433**

0.115 mi. 608 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0000303 Status Inactive, non-billable

D22 **BUGGY HAUS, THE CUPA Listings** S110743544 N/A

SE 239 S THIRD ST **GROVER BEACH, CA 93433** < 1/8

0.124 mi. 657 ft.

Click here for full text details

Relative: Higher

CUPA Listings Facility Id FA0001571 Facility Id FA0011772 Status Inactive, non-billable

E23 **VIC'S MOBIL** U000043432 LUST **HIST CORTESE ESE 402 GRAND** N/A

1/8-1/4 **GROVER BEACH, CA 93433** 0.153 mi.

809 ft.

Click here for full text details Relative:

Higher

LUST

Status Completed - Case Closed Global Id T0607900160

HIST CORTESE Reg Id 716

D24 **TOM AND TERESA KOSTA** 1026823874 RCRA NonGen / NLR SSE **305 LONGBRANCH AVE** CAC003136888 **GROVER BEACH, CA 93433**

1/8-1/4 0.157 mi. 831 ft.

Click here for full text details

Relative: Higher

D25 **AMERICAN STAR TOURS** AST S117349028 SSE **251 LONGBRANCH AVE CERS HAZ WASTE** N/A

1/8-1/4 0.160 mi. 845 ft.

Click here for full text details

Relative: Higher

GROVER BEACH, CA 93433

CUPA Listings

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

AMERICAN STAR TOURS (Continued)

S117349028

N/A

Facility Id FA0011233 Status Inactive, non-billable Status Active, billable

HAZNET

GEPAID CAL000385487

D26 **AMERICAN STAR TOURS** RCRA NonGen / NLR 1024838539 CAL000385487

SSE **251 LONGBRANCH AVE** 1/8-1/4 **GROVER BEACH, CA 93433**

0.160 mi. 845 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA Id CAL000385487

POLIN E27 HIST UST U001585306

East 401 GRAND 1/8-1/4 **GROVER CITY, CA 93433**

0.163 mi.

859 ft.

Relative: Higher

Click here for full text details

HIST UST

Facility Id 00000057443

28 **PISMO STATE BEACH GOLF COURSE CUPA Listings** S117845041 N/A

NW 9 LA SAGE DR

1/8-1/4 **GROVER BEACH, CA 93433** 0.166 mi.

875 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0001812 Status Inactive, non-billable

D29 SIERRA BODY SHOP CUPA Listings S110743790

SE 262 S 4TH ST 1/8-1/4 **GROVER BEACH, CA 93433**

0.166 mi. 878 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0005030 Status Inactive, non-billable Status Active, billable

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

D30 SIERRA BODY SHOP LLC RCRA NonGen / NLR 1024830906 CAL000366614

SE 262 S 4TH ST

1/8-1/4 **GROVER BEACH, CA 93433** 0.166 mi.

878 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA Id CAL000366614

31 AT&T - SE1JV **CUPA Listings** S126976422 CERS N/A

East **458 RAMONA AVE** 1/8-1/4 **GROVER BEACH, CA 93433**

0.189 mi. 998 ft.

Click here for full text details

Relative: Higher

CUPA Listings Facility Id FA0014709 Status Active, billable

ALUMATEC, INC RCRA-SQG F32 1000296618 SE 338 S 4TH ST **FINDS** CAD089041289

1/8-1/4 **GROVER BEACH, CA 93433**

0.209 mi. 1103 ft.

Click here for full text details

Relative: Higher

RCRA-SQG

EPA Id CAD089041289

FINDS

Registry ID: 110006187973

Registry ID 110006187973

F33 **CALIFORNIA FINE WIRE COMPANY** RCRA-LQG 1000252325 **CHMIRS** CAD008283996

SE 338 SOUTH 4TH STREET 1/8-1/4 **GROVER BEACH, CA 93433** 0.209 mi.

ECHO 1103 ft. **CUPA Listings** Click here for full text details **EMI** Relative:

Higher RCRA-LQG

EPA Id CAD008283996

CHMIRS

OES Incident Number 10-0763

FINDS

Registry ID: 110008260611

ECHO

FINDS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CALIFORNIA FINE WIRE COMPANY (Continued)

1000252325

CERS

N/A

CAC003087473

S117844996

N/A

ECHO

Registry ID 110008260611

CUPA Listings

Facility Id FA0002152 Status Inactive, non-billable Status Active, billable

EMI

Facility Id 99

F34 **CALIFORNIA FINE WIRE COMPANY** CERS HAZ WASTE S124438918

338 S 4TH ST SE

1/8-1/4 **GROVER BEACH, CA 93433** 0.209 mi.

1103 ft.

Click here for full text details

Relative: Higher

HIST UST U001585307 35 **PRYOR INDUSTRIES INC HWTS** N/A

NNW **45 NEWPORT** 1/8-1/4 **GROVER CITY, CA 93433**

0.212 mi. 1117 ft.

Click here for full text details

Relative:

Higher **HIST UST**

Facility Id 00000047766

36 THE HDD COMPANY RCRA NonGen / NLR 1026481468

West 25 W GRAND AVE 1/8-1/4 **GROVER BEACH, CA 93433**

0.214 mi. 1131 ft.

Click here for full text details

Relative: Higher

CUPA Listings

G37 DIVINE THAI CUISINE East 501 W GRAND AVE 1/8-1/4 **GROVER BEACH, CA 93433**

0.227 mi. 1201 ft.

Click here for full text details

Relative: Higher

CUPA Listings

Facility Id FA0000511 Status Inactive, non-billable

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

38 **MARSHALL SUPPLY INC** HIST UST U001585304 SSE **390 MANHATTEN** N/A

1/8-1/4 **GROVER CITY, CA 93433**

0.248 mi. 1310 ft.

Click here for full text details

Relative: Higher

HIST UST

Facility Id 00000063639

G39 **WAYNE CAMPFIELD** RCRA NonGen / NLR 1026047419 CAC003053979

East 542 RAMONA AVE. 1/8-1/4 **GROVER BEACH, CA 93433**

0.249 mi. 1317 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR

EPA Id CAC003053979

LUST H40 **UNOCAL #5660** S105050808

684 GRAND AVE SWEEPS UST East N/A 1/4-1/2 **GROVER BEACH, CA 93433 CERS**

0.332 mi. 1751 ft.

Click here for full text details

Relative: Higher

LUST

Status Leak being confirmed Global ID T0607999982

SWEEPS UST

Status A Tank Status A Comp Number 22103

H41 **UNOCAL SERVICE STATION** LUST S100233900 **684 GRAND East** Notify 65 N/A

1/4-1/2 **GROVER CITY, CA 91403** 0.332 mi.

1751 ft.

Click here for full text details Relative:

Higher

Status Completed - Case Closed Global Id T0607900162

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

H42 **TOSCO - FACILITY #5660** LUST S105224830 **East 684 GRAND AVE** Cortese N/A

1/4-1/2 **GROVER CITY, CA 93433** 0.332 mi.

1751 ft.

Click here for full text details

Relative: Higher

LUST

Status Case Closed Global ID T0607900162

Cortese

Cleanup Status COMPLETED - CASE CLOSED

H43 **UNOCAL SERVICE STATION #5** LUST S102440331 Cortese N/A

East **684 GRAND**

GROVER BEACH, CA 93433 1/4-1/2

0.332 mi. 1751 ft.

Click here for full text details

Relative: Higher

LUST

Status Completed - Case Closed Global Id T0607999982

Cortese

Cleanup Status COMPLETED - CASE CLOSED

HIST CORTESE

Reg Id 722

44 FUDS 1024903879 ARMY RECREATION CAMP

ENE N/A

1/4-1/2 **GROVER CITY, CA** 0.354 mi.

1871 ft.

Click here for full text details

Relative: Higher

H45 **LOUIES AUTO CLINIC AND GAS** LUST S108087020

702 GRAND AVE HIST UST East N/A 1/4-1/2 **GROVER CITY, CA 93433** Cortese

0.371 mi. 1958 ft.

Click here for full text details Relative:

Higher

Status Completed - Case Closed Global Id T0607936656

Cortese

Cleanup Status COMPLETED - CASE CLOSED

CERS

HIST CORTESE

Map ID MAP FINDINGS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

46 **JACKPOT SERVICE STAT (FORMER)**

SSE 105 HWY 1 N

1/4-1/2 **GROVER CITY, CA 93433**

0.447 mi. 2359 ft.

Click here for full text details

Relative: Higher

LUST

Status Case Closed

Status Completed - Case Closed

Global Id T0607900185 Global ID T0607900185

Cortese

Cleanup Status COMPLETED - CASE CLOSED

47 **ARMY REC CAMP ENVIROSTOR**

North

GROVER CITY, CA 1/4-1/2

0.451 mi. 2381 ft.

Click here for full text details

Relative: Higher

ENVIROSTOR

Facility Id 80000765 Status No Further Action

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LUST

CERS

Cortese

S104971118

S107735865

N/A

N/A

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	02/20/2020	12/10/2021	02/25/2022
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	12/15/2021	12/16/2021	03/03/2022
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2019	01/20/2021	04/08/2021
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	01/18/2022	01/19/2022	04/08/2022
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	01/18/2022	01/19/2022	04/11/2022
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	01/18/2022	01/19/2022	04/11/2022
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	12/31/2021	01/19/2022	04/08/2022
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	11/30/2021	11/30/2021	02/16/2022
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	12/16/2021	12/16/2021	03/03/2022
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	CUPA LIVERMORE-PLEASANTON		Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	11/30/2021	11/30/2021	02/16/2022
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	11/29/2021	11/29/2021	02/14/2022
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	11/17/2021	11/18/2021	02/07/2022
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/27/2021	09/01/2021	11/19/2021
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2019	06/10/2021	08/27/2021
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	11/10/2021	11/11/2021	02/03/2022
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	01/13/2022	01/14/2022	04/08/2022
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/18/2021	11/19/2021	02/07/2022
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	09/14/2021	11/11/2021	11/23/2021
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/15/2021	11/15/2021	02/03/2022
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	01/03/2022	01/04/2022	03/18/2022
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	07/13/2021	07/14/2021	10/06/2021
CA	ICE	ICE	Department of Toxic Subsances Control	11/15/2021	11/15/2021	02/03/2022
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	12/06/2021	12/07/2021	02/23/2022
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	02/24/2022	02/25/2022	03/09/2022
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	MINES	Mines Site Location Listing	Department of Conservation	12/06/2021	12/07/2021	02/23/2022
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	11/18/2021	11/30/2021	02/17/2022
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	12/13/2021	12/14/2021	03/03/2022
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/09/2021	11/09/2021	01/27/2022
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	11/30/2021	11/30/2021	02/17/2022
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	PROC	Certified Processors Database	Department of Conservation	11/29/2021	11/29/2021	02/11/2022
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	11/04/2021	11/05/2021	01/24/2022
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victory	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/08/2021	11/09/2021	01/28/2022
CA	SWRCY	Recycler Database	Department of Conservation	12/06/2021	12/07/2021	02/23/2022
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	12/03/2021	12/07/2021	02/24/2022
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	12/06/2021	12/07/2021	02/23/2022
CA	UST	Active UST Facilities	SWRCB	12/06/2021	12/07/2021	02/23/2022
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	12/01/2021	12/07/2021	03/02/2022
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	12/14/2021	12/15/2021	03/10/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2019	03/02/2022	03/25/2022

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2021	01/14/2022	03/25/2022
US	CORRACTS	Corrective Action Report	EPA	02/28/2022	03/02/2022	03/17/2022
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	01/25/2022	02/03/2022	02/22/2022
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2022	01/04/2022	01/10/2022
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR. Inc.	0.70.72022	0.70.72022	0.7.072022
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/31/2021	03/01/2022	03/10/2022
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2021	11/22/2021	02/25/2022
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	10/26/2021	11/16/2021	02/08/2022
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/15/2021	11/15/2021	02/01/2022
	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/15/2021	12/16/2021	03/10/2022
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/12/2021	11/15/2021	02/08/2022
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2021	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/1998	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/14/2021	11/15/2021	02/08/2022
US	INDIAN UST R10	Underground Storage Tanks on Indian Land		10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R10	Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land	EPA Region 10	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R4 INDIAN UST R5	Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land	EPA Region 4 EPA Region 5	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R5 INDIAN UST R6	Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land		10/12/2021	11/15/2021	02/08/2022
US		Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land	EPA Region 6			
US	INDIAN UST R7 INDIAN UST R8	Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land	EPA Region 7 EPA Region 8	10/12/2021 10/12/2021	11/15/2021 11/15/2021	02/08/2022 02/08/2022
US		Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land			11/15/2021	
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/12/2021	11/15/2021	02/08/2022

SINDIAN VCP R7	St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
LEAD SMELTER 1	US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
ISAD SMELTER 2	US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US LICHNS CERCLA Lion Information Environmental Protection Agency 01/25/2022 20/3/2022 02/3/2022 <t< td=""><td>US</td><td>LEAD SMELTER 1</td><td>Lead Smelter Sites</td><td>Environmental Protection Agency</td><td>01/25/2022</td><td>02/03/2022</td><td>02/22/2022</td></t<>	US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/25/2022	02/03/2022	02/22/2022
US LUCIS Land Use Control Information System Department of the Nayy 11/15/2021 11/15/2021 10/204/2019 US MINES VIOLATIONS Misha Violation Assessment Data DOL, Mine Safety & Health Admin 03/21/2022 03/22/2022 03/25/2	US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US MINES MRDS Mineral Resources Data System USGS 04/06/2018 10/21/2019 10	US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/25/2022	02/03/2022	02/22/2022
US MINES MRDS Mineral Resources Data System USGS 04/06/2018 10/21/2019 10	US	LUCIS	Land Use Control Information System	Department of the Navy	11/15/2021	11/16/2021	02/08/2022
US MINES VIOLATIONS MSHA Violation Assessment Data DOL, Mine Safety & Health Admi 0321/2022 0322/2022 0323/2022<		MINES MRDS			04/06/2018	10/21/2019	10/24/2019
US NLTS Material Licensing Tracking System Nuclear Regulatory Commission 07/28/2021 2011/2022	US	MINES VIOLATIONS	· · · · · · · · · · · · · · · · · · ·	DOL, Mine Safety & Health Admi	03/21/2022	03/22/2022	03/25/2022
US NPL National Priority List EPA 01/25/2022 20/22/2022 US NPL LLENS Federal Superfund Liens EPA 01/16/1991 02/02/2990 03/03/1994 0	US	MLTS	Material Licensing Tracking System		07/29/2021		11/19/2021
US NPL LIENS Federal Superfund Liens EPA 10/15/1991 02/02/1994 03/30/1994 US OO Open Dump Inventory Ernvironmental Protection Agency 06/30/2002 03/30/1994 03/30/1994 03/30/1994 03/30/1994 03/30/1994 03/30/1994 03/30/1994 03/25/2022 03/2	US	NPL					
SP ADD Open Dump Inventory							
SPADS				Environmental Protection Agency			
US PCB TRANSFORMER	US	PADS		ŭ ,			
US PCS ENF	US	PCB TRANSFORMER		Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US PCS ENF	US	PCS	· · · · · · · · · · · · · · · · · · ·			08/05/2011	
US PCS INACTIVE Listing of Inactive PCS Permits EPA 11/05/2014 01/06/2015 05/06/2015 US PRP Potentially Responsible Parties EPA 01/25/2022 02/25/2022 02/25/2022 US Proposed NPL Proposed National Priority List Sites EPA 01/25/2022 02/25/2022 02/25/2022 US RARTS RCRA Administrative Action Tracking System EPA 04/17/1995 07/03/1995 08/07/1		PCS ENF	·	•			
US							
Proposed NPL			· ·				
US RAATS RCRA Administrative Action Tracking System EPA 04/17/1995 07/03/1995 08/07/1995 US RADINFO Radiation Information Database Environmental Protection Agency 07/01/2019 09/03/2012 09/03/2012 09/03/2012 09/03/2012 09/03/2012 09/03/2012 09/03/2012 09/03/2012 09/03/2012 03/02/2022 03/02/2022 03/03/2022 03/03/2022 03/03/2022 03/17/2022 US RCRA-LOG RCRA - Large Quantity Generators Environmental Protection Agency 02/28/2022 03/02/2022 03/17/2022 US 03/03/2022 03/17/2022 US RCRA-SOG RCRA - Treatment, Storage and Disposal Environmental Protection Agency 02/28/2022 03/02/2022 03/17/2022 US RCRA-VSQG RCRA - Very Small Quantity Generators (Formerly Conditionall Environmental Protection Agency 02/28/2022 03/02/2022 03/17/2022 US SCRAD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing Environmental Protection Agency 01/29/2021 11/05/2021 11/12/2021 11/12/2021 11/12/2021 11/12/2022 20/03/2022 02/03/2022 02/03/20							
US RCRA NonGen / NLR RcRA - Non Generators / No Longer Regulated Environmental Protection Agency 07/01/2019 07/01/2019 03/02/2022 03/0		•					
US RCRA NonGen / NLR	US	RADINFO		Environmental Protection Agency	07/01/2019	07/01/2019	
US RCRA-LQG RCRA - Sange RCRA - Sand (a control of penetators) Environmental Protection Agency 02/28/2022 03/02/2022 03/17/2022 US RCRA-SQG RCRA - Small Quantity Generators Environmental Protection Agency 02/28/2022 03/02/2022 03/17/2022 US RCRA-YSQG RCRA - Very Small Quantity Generators (Formerly Conditionall Revision Agency) Environmental Protection Agency 02/28/2022 03/02/2022 03/17/2022 US RCMP Risk Management Plans Environmental Protection Agency 10/20/2021 11/05/2021 03/17/2022 US RCND Records Of Decision EPA 01/25/2022 02/03/2022 02/22/2022 US SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing Environmental Protection Agency 01/01/2017 02/03/2022 02/22/2022 US SEMS Superfund Enterprise Management System EPA 01/25/2022 02/03/2022 02/22/2022 US SEMS Section 7 Tracking Systems EPA 01/25/2022 02/03/2022 02/22/2022 US TRIS Toxic Chem		_					
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US TRIS Toxic Chemical Release Inventory System EPA 12/31/2018 08/14/2020 11/04/2020 US TSCA Toxic Substances Control Act EPA 12/31/2016 06/17/2020 09/10/2020 US UMTRA Uranium Mill Tailings Sites Department of Energy 08/30/2019 11/15/2019 01/28/2020 US US AIRS (AFS) Aerometric Information Retrieval System Facility Subsystem (EPA 10/12/2016 10/26/2016 02/03/2017 US US AIRS MINOR Air Facility System Data EPA 10/12/2016 01/26/2016 02/03/2017 US US BROWNFIELDS A Listing of Brownfields Sites Environmental Protection Agency 02/23/2022 03/10/2022 US US CDL Clandestine Drug Labs Drug Enforcement Administration 11/16/2021 11/18/2021 02/08/2022 US US ENG CONTROLS Engineering Controls Sites List Environmental Protection Agency 11/19/2021 11/19/2021 02/11/2022 US US FIN ASSUR Financial Assurance Information Environmental Protection Agency 11/16/2021	US	SSTS		EPA	01/19/2022	01/19/2022	04/11/2022
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US US AIRS (AFS) Aerometric Information Retrieval System Facility Subsystem (EPA 10/12/2016 10/26/2016 02/03/2017 US US AIRS MINOR Air Facility System Data EPA 10/12/2016 10/26/2016 02/03/2017 US US BROWNFIELDS A Listing of Brownfields Sites Environmental Protection Agency 02/23/2022 03/10/2022 03/10/2022 US CDL Clandestine Drug Labs Drug Enforcement Administration 11/16/2021 11/18/2021 02/08/2022 US US ENG CONTROLS Engineering Controls Sites List Environmental Protection Agency 11/19/2021 11/19/2021 02/14/2022 US US FIN ASSUR Financial Assurance Information Environmental Protection Agency 12/13/2021 12/17/2021 03/17/2022 US US HIST CDL National Clandestine Laboratory Register Drug Enforcement Administration 11/16/2021 11/18/2021 02/08/2022 US US MINES Institutional Controls Sites List Environmental Protection Agency 11/19/2021 11/19/2021 02/14/2022 US US MINES Mines Master Index File Department of Labor, Mine Safety and Health A 11/02/20			• •				
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US US AIRS MINOR Air Facility System Data EPA 10/12/2016 10/26/2016 02/03/2017 US US BROWNFIELDS A Listing of Brownfields Sites Environmental Protection Agency 02/23/2022 03/10/2022 03/10/2022 03/10/2022 US US CDL Clandestine Drug Labs Drug Enforcement Administration 11/16/2021 11/18/2021 02/08/2022 US US ENG CONTROLS Engineering Controls Sites List Environmental Protection Agency 11/19/2021 11/19/2021 02/14/2022 US US FIN ASSUR Financial Assurance Information Environmental Protection Agency 12/13/2021 12/17/2021 03/17/2022 US US HIST CDL National Clandestine Laboratory Register Drug Enforcement Administration 11/16/2021 11/18/2021 02/08/2022 US US INST CONTROLS Institutional Controls Sites List Environmental Protection Agency 11/19/2021 11/19/2021 02/14/2022 US US MINES Mines Master Index File Department of Labor, Mine Safety and Health A 11/02/2021 11/22/2021 02/14/2022 US US MINES O5/06/2020 05/06/2020 05/06/2020 05/				,			
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St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	11/11/2021	11/12/2021	02/01/2022
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	10/29/2021	01/19/2022
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
CA	State Wetlands	Wetland Inventory	Department of Fish and Wildlife			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line D	Pata	Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

197 WEST GRAND 197 WEST GRAND GROVER BEACH, CA 93433

TARGET PROPERTY COORDINATES

Latitude (North): 35.122386 - 35⁷ 20.59" Longitude (West): 120.629323 - 120³ 37' 45.56"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 716031.6 UTM Y (Meters): 3888989.5

Elevation: 19 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 12017289 OCEANO OE W, CA

Version Date: 2018

Northeast Map: 12016333 ARROYO GRANDE NE, CA

Version Date: 2018

Southeast Map: 12017287 OCEANO, CA

Version Date: 2018

Northwest Map: 12017291 PISMO BEACH, CA

Version Date: 2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

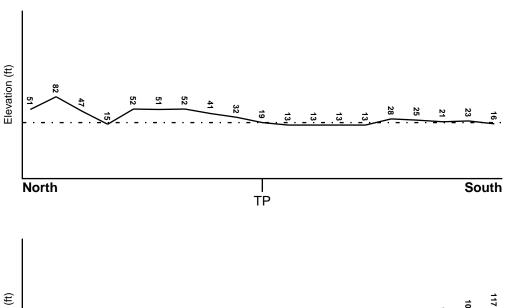
TOPOGRAPHIC INFORMATION

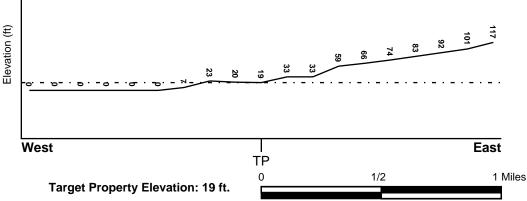
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

06079C1582G FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

06079C1344G FEMA FIRM Flood data 06079C1363G FEMA FIRM Flood data 06079C1601G FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Electronic
NWI Quad at Target Property
Data Coverage

WEST OCEANO (OE)

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

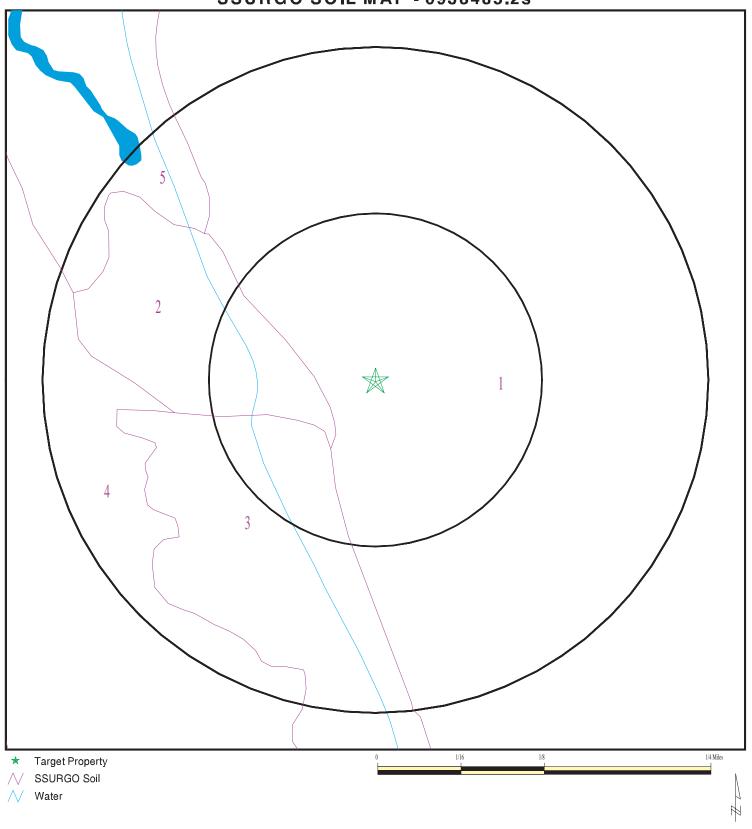
Era: Cenozoic Category: Stratified Sequence

System: Tertiary Series: Miocene

Code: Tm (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6938485.2s



SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach CA 93433 35.122386 / 120.629323 LAT/LONG:

CLIENT: Universal Engineering Sciences
CONTACT: Brendan Kallaus
INQUIRY#: 6938485.2s

DATE: April 13, 2022 5:52 pm

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Oceano

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Bou	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper Lower Soil Tex		Soil Texture Class	AASHTO Group	AASHTO Group Unified Soil		Soil Reaction (pH)	
1	0 inches	29 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.1	
2	29 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.1	

Soil Map ID: 2

Soil Component Name: Corralitos

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Layer	Information			
	Воц	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper Lower		Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	24 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.6
2	24 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.6

Soil Map ID: 3

Soil Component Name: Water
Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Dune land

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Воц	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper Lower Soil Texture		Soil Texture Class	s AASHTO Group Unified Soil		conductivity micro m/sec	Oon Reaction	
1	0 inches	5 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:	
2	5 inches	59 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:	

Soil Map ID: 5

Soil Component Name: Corralitos

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

				r Information		0.1	
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper Lower		Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	24 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.6
2	24 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
	USGS40000160767	1/8 - 1/4 Mile WSW
A6	USGS40000160768	1/8 - 1/4 Mile WSW
A7	USGS40000160769	1/8 - 1/4 Mile WSW
C35	USGS40000160766	1/4 - 1/2 Mile East
D42	USGS40000160721	1/2 - 1 Mile SSE
D43	USGS40000160719	1/2 - 1 Mile SSE
D44	USGS40000160720	1/2 - 1 Mile SSE
G63	USGS40000160853	1/2 - 1 Mile NW
G64	USGS40000160854	1/2 - 1 Mile NW
G65	USGS40000160855	1/2 - 1 Mile NW
175	USGS40000160683	1/2 - 1 Mile SSE
179	USGS40000160681	1/2 - 1 Mile SSE
183	USGS40000160671	1/2 - 1 Mile SSE
L100	USGS40000160689	1/2 - 1 Mile SE
101	USGS40000160665	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
1	CADWR0000022386	1/8 - 1/4 Mile NE
A2	CADWR0000032017	1/8 - 1/4 Mile WSW
A3	CADWR0000021920	1/8 - 1/4 Mile WSW
A4	CADWR0000009121	1/8 - 1/4 Mile WSW
A8	CADWR9000016526	1/4 - 1/2 Mile WSW
A9	CADWR9000016527	1/4 - 1/2 Mile WSW
A10	CADWR9000016528	1/4 - 1/2 Mile WSW
B11	CAEDF0000009188	1/4 - 1/2 Mile ESE
B12	CAEDF0000095880	1/4 - 1/2 Mile ESE
B13	CAEDF0000055721	1/4 - 1/2 Mile East
B14	CAEDF0000076887	1/4 - 1/2 Mile ESE
B15	CAEDF0000093505	1/4 - 1/2 Mile ESE
B16	CAEDF0000108032	1/4 - 1/2 Mile East
17	CADWR0000011634	1/4 - 1/2 Mile ENE
B18	CAEDF0000065803	1/4 - 1/2 Mile ESE
B19	CAEDF0000022036	1/4 - 1/2 Mile East
B20	CAEDF0000110062	1/4 - 1/2 Mile ESE
B21	CAEDF0000047122	1/4 - 1/2 Mile East
B22	CAEDF0000104018	1/4 - 1/2 Mile East
B23	CAEDF0000031997	1/4 - 1/2 Mile ESE
B24	CAEDF0000033508	1/4 - 1/2 Mile East
B25	CAEDF0000097305	1/4 - 1/2 Mile East

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

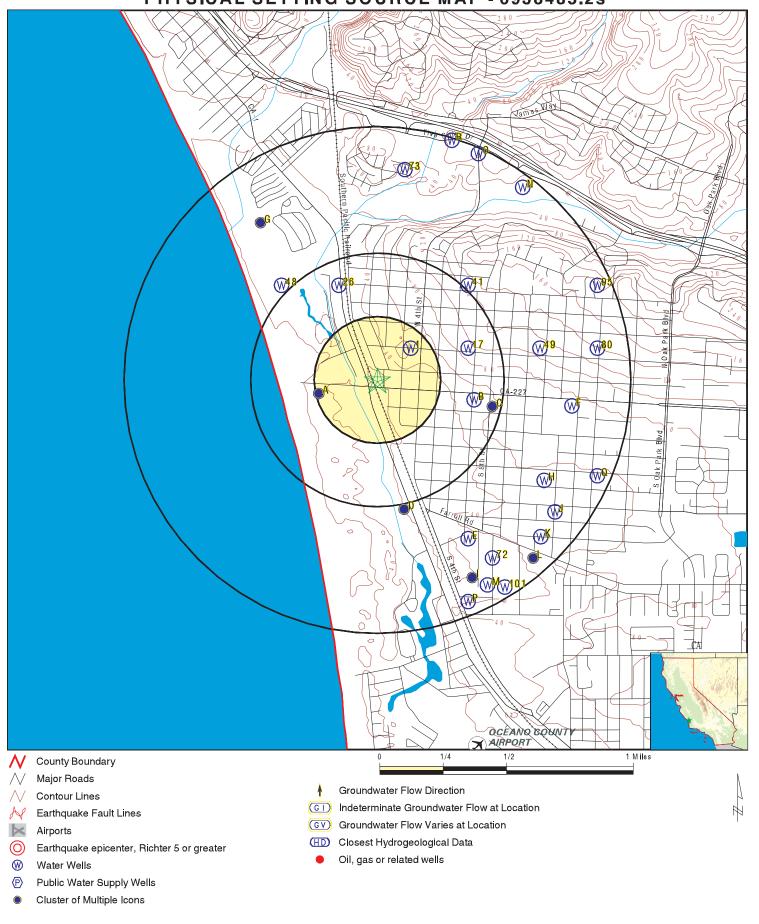
STATE DATABASE WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
	CADWR0000027222	1/4 - 1/2 Mile NNW
B27	CAEDF0000016029	1/4 - 1/2 Mile East
B28	CAEDF0000010029	1/4 - 1/2 Mile ESE
	CAEDF0000019773 CAEDF0000103661	1/4 - 1/2 Mile ESE
B29		
B30	CAEDF0000098307	1/4 - 1/2 Mile ESE
B31	CAEDF0000107933	1/4 - 1/2 Mile East
B32	CAEDF0000013349	1/4 - 1/2 Mile East
C33	CAEDF0000036855	1/4 - 1/2 Mile ESE
C34	CAEDF0000014420	1/4 - 1/2 Mile ESE
C36	CADDW0000013876	1/4 - 1/2 Mile ESE
C37	CADWR0000020610	1/4 - 1/2 Mile East
D38	CADWR9000016477	1/2 - 1 Mile South
D39	CADWR9000016478	1/2 - 1 Mile South
D40	CADWR9000016479	1/2 - 1 Mile South
41	CADWR0000011590	1/2 - 1 Mile NE
D45	CADWR0000005161	1/2 - 1 Mile SSE
D46	CADWR0000026732	1/2 - 1 Mile SSE
D47	CADWR0000023004	1/2 - 1 Mile SSE
48	CADWR0000008811	1/2 - 1 Mile NW
49	CADWR0000037004	1/2 - 1 Mile East
E50	CADWR0000005512	1/2 - 1 Mile SSE
E51	CADWR000005494	1/2 - 1 Mile SSE
F52	CAEDF0000094019	1/2 - 1 Mile East
G53	CADWR0000024337	1/2 - 1 Mile NW
G54	CADWR0000037743	1/2 - 1 Mile NW
G55	CADWR0000000382	1/2 - 1 Mile NW
H56	18082	1/2 - 1 Mile ESE
H57	18081	1/2 - 1 Mile ESE
H58	18080	1/2 - 1 Mile ESE
H59	18091	1/2 - 1 Mile ESE
H60	18094	1/2 - 1 Mile ESE
H61	18093	1/2 - 1 Mile ESE
H62	18092	1/2 - 1 Mile ESE
F66	CAEDF0000004859	1/2 - 1 Mile East
F67	CAEDF0000008403	1/2 - 1 Mile East
F68	CAEDF0000094570	1/2 - 1 Mile East
G69	CADWR9000016645	1/2 - 1 Mile NW
G70	CADWR9000016646	1/2 - 1 Mile NW
G71	CADWR9000016647	1/2 - 1 Mile NW
72	18096	1/2 - 1 Mile SSE
73	18075	1/2 - 1 Mile North
174	CADWR0000017262	1/2 - 1 Mile SSE
176	CADWR9000016448	1/2 - 1 Mile SSE
177	CADWR9000016452	1/2 - 1 Mile SSE
J78	18097	1/2 - 1 Mile SE
80	CADWR0000012821	1/2 - 1 Mile East
I81	CADWR0000026237	1/2 - 1 Mile SSE
K82	22561	1/2 - 1 Mile SE
J84	18098	1/2 - 1 Mile SE
185	CADDW000001135	1/2 - 1 Mile SSE
K86	CADWR0000034243	1/2 - 1 Mile SE
K87	CADWR0000013524	1/2 - 1 Mile SE

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

PHYSICAL SETTING SOURCE MAP - 6938485.2s



SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach CA 93433 LAT/LONG: 35.122386 / 120.629323 CLIENT: Universal Engine CONTACT: Brendan Kallaus Universal Engineering Sciences

INQUIRY#: 6938485.2s DATE:

April 13, 2022 5:52 pm

Map ID Direction Distance Elevation	Database	EDR ID Number
1 NE Click here for full text details 1/8 - 1/4 Mile Higher	CA WELLS	CADWR0000022386
A2 WSW Click here for full text details 1/8 - 1/4 Mile Higher	CA WELLS	CADWR0000032017
A3 WSW 1/8 - 1/4 Mile Higher	CA WELLS	CADWR0000021920
A4 WSW 1/8 - 1/4 Mile Higher	CA WELLS	CADWR0000009121
A5 WSW Click here for full text details 1/8 - 1/4 Mile Higher	FED USGS	USGS40000160767
A6 WSW 1/8 - 1/4 Mile Higher	FED USGS	USGS40000160768
A7 WSW Click here for full text details 1/8 - 1/4 Mile Higher	FED USGS	USGS40000160769
A8 WSW Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CADWR9000016526

Map ID Direction Distance Elevation	Database	EDR ID Number
A9 WSW Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CADWR9000016527
A10 WSW Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CADWR9000016528
B11 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000009188
B12 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000095880
B13 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000055721
B14 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000076887
B15 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000093505
B16 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000108032
17 ENE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CADWR0000011634

Map ID Direction Distance Elevation	Database	EDR ID Number
B18 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000065803
B19 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000022036
B20 ESE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000110062
B21 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000047122
B22 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000104018
B23 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000031997
B24 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000033508
B25 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000097305
26 NNW Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CADWR0000027222

Map ID Direction Distance Elevation	Database	EDR ID Number
B27 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000016029
B28 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000019773
B29 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000103661
B30 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000098307
B31 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000107933
B32 East Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000013349
C33 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000036855
C34 ESE Click here for full text details 1/4 - 1/2 Mile Higher	CA WELLS	CAEDF0000014420
C35 East Click here for full text details 1/4 - 1/2 Mile Higher	FED USGS	USGS40000160766

Map ID Direction Distance Elevation		Database	EDR ID Number
C36 ESE 1/4 - 1/2 Mile Higher	Click here for full text details	CA WELLS	CADDW0000013876
C37 East 1/4 - 1/2 Mile Higher	Click here for full text details	CA WELLS	CADWR0000020610
D38 South 1/2 - 1 Mile Lower	Click here for full text details	CA WELLS	CADWR9000016477
D39 South 1/2 - 1 Mile Lower	Click here for full text details	CA WELLS	CADWR9000016478
D40 South 1/2 - 1 Mile Lower	Click here for full text details	CA WELLS	CADWR9000016479
41 NE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000011590
D42 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160721
D43 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160719
D44 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160720

Map ID Direction Distance Elevation		Database	EDR ID Number
D45 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000005161
D46 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000026732
D47 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000023004
48 NW 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000008811
49 East 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000037004
E50 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000005512
E51 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000005494
F52 East 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000094019
G53 NW 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000024337

Map ID Direction Distance Elevation		Database	EDR ID Number
G54 NW 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000037743
G55 NW 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000000382
H56 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18082
H57 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18081
H58 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18080
H59 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18091
H60 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18094
H61 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18093
H62 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18092

Map ID Direction Distance Elevation		Database	EDR ID Number
G63 NW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160853
G64 NW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160854
G65 NW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160855
F66 East 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000004859
F67 East 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000008403
F68 East 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000094570
G69 NW 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR9000016645
G70 NW 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR9000016646
G71 NW 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR9000016647

Map ID Direction Distance Elevation		Database	EDR ID Number
72 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18096
73 North 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18075
I74 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000017262
I75 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160683
I76 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR9000016448
I77 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR9000016452
J78 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18097
I79 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160681
80 East 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000012821

Map ID Direction Distance Elevation		Database	EDR ID Number
I81 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000026237
K82 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	22561
I83 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160671
J84 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18098
I85 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADDW0000001135
K86 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000034243
K87 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000013524
K88 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000027935
K89 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000030744

Map ID Direction Distance Elevation		Database	EDR ID Number
L90 SE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR9000016457
M91 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR9000016445
M92 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18095
N93 NE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18077
O94 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000108762
95 ENE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000002214
P96 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000013554
P97 SSE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000023590
Q98 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR000008865

Map ID Direction Distance Elevation		Database	EDR ID Number
Q99 ESE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADWR0000006542
L100 SE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160689
101 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000160665
O102 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000058266
O103 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000116604
O104 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000104362
O105 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	18076
N106 NE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CADDW0000009761
O107 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000101855

Map ID Direction Distance Elevation		Database	EDR ID Number
O108 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000120104
O109 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000127651
O110 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000040045
R111 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000079351
O112 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000002274
O113 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000040727
O114 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000098140
O115 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000136629
O116 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000047728

Map ID Direction Distance Elevation		Database	EDR ID Number
O117 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000009826
O118 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000075955
O119 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000049832
O120 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000123878
R121 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000073540
O122 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000072294
R123 NNE 1/2 - 1 Mile Higher	Click here for full text details	CA WELLS	CAEDF0000116734

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
		
93433	42	0

Federal EPA Radon Zone for SAN LUIS OBISPO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L. : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN LUIS OBISPO COUNTY, CA

Number of sites tested: 15

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	2.673 pCi/L Not Reported	87% Not Reported	7% Not Reported	7% Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558 Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Vapor Encroachment Screen Appendix

197 West Grand

197 West Grand Grover Beach, CA 93433

Inquiry Number: 6938485.2s

April 28, 2022

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet



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Thank you for your business. Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	property	0	-	-
Lists of state- and tribal (Superfund) equivalent sites	1.0	0	0	0
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	0
Lists of state and tribal registered storage tanks	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

	I	$\overline{}$		
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	1	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	1	1	0
Local Lists of Registered Storage Tanks	0.25	0	0	0
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	6	1	1

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	1	0	
Exclusive Recovered Govt. Archives	property	0	-	-	

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	1	0	
Exclusive Recovered Govt. Archives	property	0	-	-	

^{*}The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

TARGET PROPERTY INFORMATION

ADDRESS

197 WEST GRAND 197 WEST GRAND GROVER BEACH, CA 93433

COORDINATES

Latitude (North): 35.122386 - 35° 7′ 20.592957″ Longitude (West): 120.629323 - 120° 37′ 45.57312″

Elevation: 19 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site Database(s)

BJ ATV RENTALS HAULERS

197 GRAND AVENUE Facility ID: 1839814
GROVER BEACH, CA 93433

BJ'S ATV RENTALS CUPA Listings

197 W GRAND AVE
GROVER BEACH, CA 93433
Facility Id: FA0002157
Status: Active, billable

B J ATV RENTALS INC

197 GRAND AVENUE

HAZNET

197 GRAND AVENUE GEPAID: CAL000055409
GROVER BEACH, CA 934330000

HWTS

B J ATV RENTALS INC ECHO

197 GRAND AVENUE Registry ID: 110070444790 GROVER BEACH, CA 93433-0000

FINDS

Registry ID:: 110070444790

B J ATV RENTALS INC
197 GRAND AVENUE
GROVER BEACH, CA 93433-0000

RCRA NonGen / NLR
EPA ID:: CAL000055409

BJ'S ATV RENTALS CERS

197 W GRAND AVE

CERS HAZ WASTE

GROVER BEACH, CA 93433

BJ'S ATV RENTALS FINDS

197 W GRAND AVE GROVER BEACH, CA 93433 Registry ID:: 110065014674

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

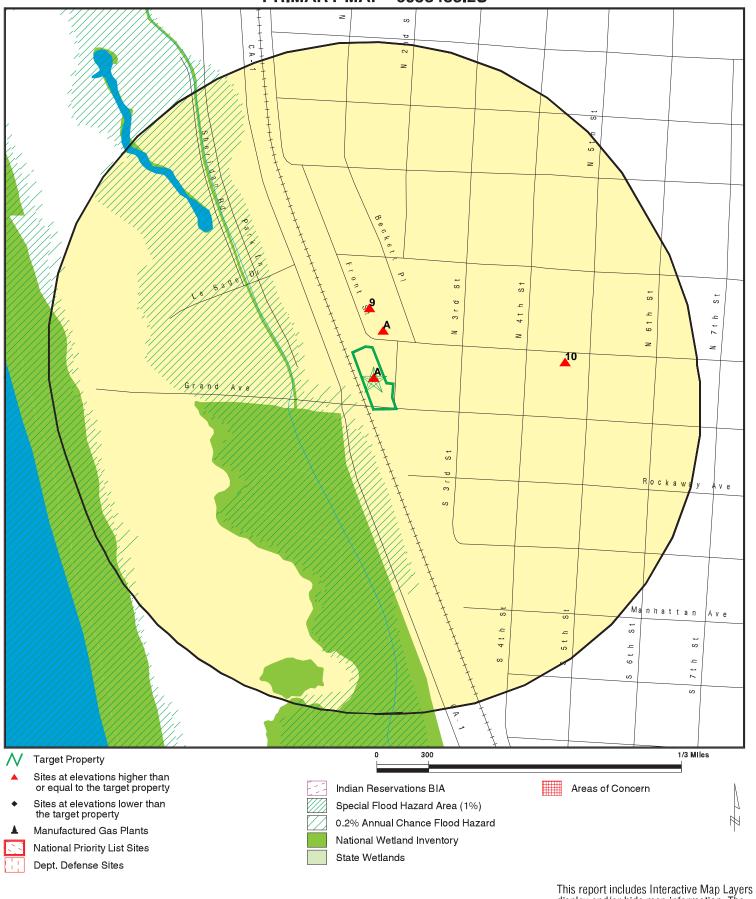
Name	Address	Dist/Dir	Map ID	Page
Not Reported				
ADDITIONAL ENVIRONMENTAL RECORDS				
Name	Address	Dist/Dir	Map ID	Page
BJ ATV RENTALS HAULERS: HAULERS	197 GRAND AVENUE	Property	▲ A1	9
BJ'S ATV RENTALS CUPA Listings: CUPA	197 W GRAND AVE	Property	▲ A2	9
B J ATV RENTALS INC HAZNET: HAZNET HWTS: HWTS	197 GRAND AVENUE	Property	▲ A3	10
B J ATV RENTALS INC ECHO: ECHO FINDS: FINDS	197 GRAND AVENUE	Property	▲ A4	13
B J ATV RENTALS INC RCRA NonGen / NLR: RCRA NonGen / NLR	197 GRAND AVENUE	Property	▲ A5	14
BJ'S ATV RENTALS CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	197 W GRAND AVE	Property	▲ A6	17
BJ'S ATV RENTALS FINDS: FINDS	197 W GRAND AVE	Property	▲ A7	26
TAYLOR'S TUNE UP SHOP CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	242 FRONT ST	<1/10 N	4 9	27
AT&T - SE1JV CERS: CERS CUPA Listings: CUPA EDR HIGH RISK HISTORICAL RECORDS	458 RAMONA AVE	1/10 - 1/3 E	▲ 10	31
Name	Address	Dist/Dir	Map ID	Page
BOYCES GASOLINE ALLEY EDR Hist Auto: EDR Hist Auto	127 RAMONA AVE	<1/10 NNE	<u>Map 15</u> ▲ A8	27

EDR RECOVERED GOVERNMENT ARCHIVES

Name <u>Address</u> <u>Dist/Dir</u> <u>Map ID</u> <u>Page</u>

Not Reported

PRIMARY MAP - 6938485.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 197 West Grand ADDRESS: 197 West Grand

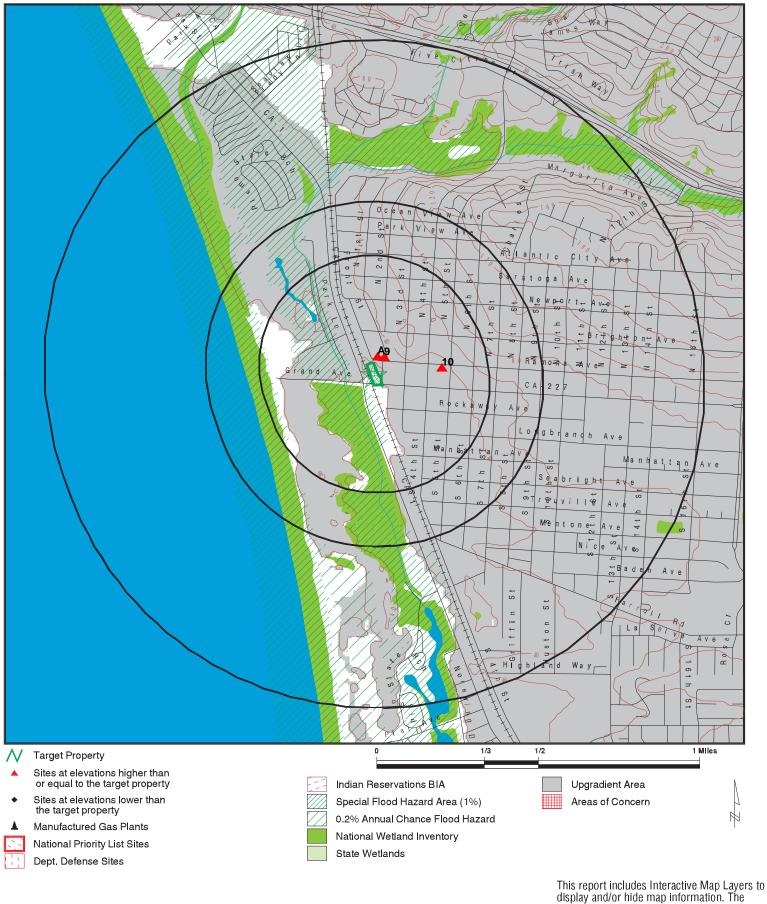
LAT/LONG:

Grover Beach CA 93433 35.122386 / 120.629323 Universal Engineering Sciences

CLIENT: CONTACT: Brendan Kallaus INQUIRY#: 6938485.2s

DATE: April 13, 2022 5:52 pm

SECONDARY MAP - 6938485.2S



display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 197 West Grand ADDRESS: 197 West Grand

Grover Beach CA 93433 LAT/LONG: 35.122386 / 120.629323 CLIENT: CONTACT: Universal Engineering Sciences

Brendan Kallaus INQUIRY#: 6938485.2s

DATE: April 13, 2022 5:51 pm

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP			EDR SITE ID NUMBER
♦ MAP ID#	Direction Distance Range Relative Elevation	(Distance feet / miles) Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
Worksheet: Comments: Comments may be added on the online Vapor Encroachment Worksheet.			

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

BJ ATV RENTALS 197 GRAND AVEN	UE, GROVER BEACH, CA, 93433	S127799883
	Target Property	Local Lists of Landfill / Solid Waste Disposal Sites
▲ A1	19 ft. Above Sea Level	

Worksheet:

HAULERS: Local Lists of Landfill / Solid Waste Disposal Sites

Name: BJ ATV RENTALS
Address: 197 GRAND AVENUE
City,State,Zip: GROVER BEACH, CA 93433

Facility ID: 1839814
Facility Phone: (805) 481-5411
Business Email Address: Not Reported
Contact Person: Wyane Foster
Mailing Address: 197 Grand Avenue
Mailing City: Grover Beach

Mailing State: CA
Mailing Zip: 93433

Mailing County:San Luis ObispoMailing Phone:Not ReportedCurrent Status:ActiveCurrent Hauler Status:Not Reported

Accepting Tires From Public: Not Reported Regulatory Status Last Changed: Not Reported Business Types: Not Reported

BJ'S ATV RENTALS 197 W GRAND AVE, GROVER BEACH, CA, 93433 S110743666

. 40	Target Property	Other Ascertainable Records
▲ A2	19 ft. Above Sea Level	

Worksheet:

CUPA SAN LUIS OBISPO: Other Ascertainable Records

Name: BJ'S ATV RENTALS Address: 197 W GRAND AVE

City, State, Zip: GROVER BEACH, CA 93433

Facility Id: FA0002157
Program Element Code: 0726

Program Element: HAZMAT DISCLOSURE - 1-4 HAZARDOUS MATERIALS

Record Id: PR0001578
Cross Street: Not Reported

Status Code: 01

Status: Active, billable
Latitude: 35.12205
Longitude: -120.62894

Name: BJ'S ATV RENTALS Address: 197 W GRAND AVE

City,State,Zip: GROVER BEACH, CA 93433

Facility Id: FA0002157
Program Element Code: 1126

Program Element: HAZWASTE GEN (1-5 WASTE STREAMS)

Record Id: PR0002157
Cross Street: Not Reported

Status Code: 01

Status: Active, billable
Latitude: 35.12205
Longitude: -120.62894

B J ATV RENTALS 197 GRAND AVEN	INC UE, GROVER BEACH, CA, 934330000	S113043066
	Target Property	Other Ascertainable Records
▲ A3	19 ft. Above Sea Level	

Worksheet:

HAZNET: Other Ascertainable Records

Name: B J ATV RENTALS INC Address: 197 GRAND AVENUE

Address 2: Not Reported

City, State, Zip: GROVER BEACH, CA 934330000

Contact: WAYNE FOSTER
Telephone: 8054815411
Mailing Name: Not Reported

Mailing Address: 197 W GRAND AVENUE

B J ATV RENTALS INC, 197 GRAND AVENUE, GROVER BEACH, CA 934330000 (Continued)

Year: 2019

 Gepaid:
 CAL000055409

 TSD EPA ID:
 CAT080013352

CA Waste Code: 343 - Unspecified organic liquid mixture

Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Tons: 0.10200

Year: 2010

 Gepaid:
 CAL000055409

 TSD EPA ID:
 CAD980887418

CA Waste Code: 135 - Unspecified aqueous solution

2009

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.231

Gepaid: CAL000055409

TSD EPA ID: CAD982446858
CA Waste Code: 223 - Unspecified oil-containing waste

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.31275

Year: 2009

 Gepaid:
 CAL000055409

 TSD EPA ID:
 CAD980887418

CA Waste Code: 223 - Unspecified oil-containing waste

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.2085

Additional Info:

Year:

Year: 2009

Gen EPA ID: CAL000055409

Shipment Date: 20090126

Creation Date: 3/11/2009 18:30:09

 Receipt Date:
 20090202

 Manifest ID:
 004001704JJK

 Trans EPA ID:
 CAD982413262

Trans Name: EVERGREEN ENVIRONMENTAL SERVICES

Trans 2 EPA ID: Not Reported
Trans 2 Name: Not Reported
TSDF EPA ID: CAD980887418
Trans Name: EVERGREEN OIL INC

TSDF Alt EPA ID: Not Reported TSDF Alt Name: Not Reported

Waste Code Description: 223 - Unspecified oil-containing waste

RCRA Code: Not Reported

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons:0.2085Waste Quantity:50Quantity Unit:G

Additional Code 1: Not Reported

B J ATV RENTALS INC, 197 GRAND AVENUE, GROVER BEACH, CA 934330000 (Continued)

Additional Code 2: Not Reported
Additional Code 3: Not Reported
Additional Code 4: Not Reported
Additional Code 5: Not Reported

Shipment Date: 20090120

Creation Date: 3/9/2009 18:30:38

 Receipt Date:
 20090122

 Manifest ID:
 002477459JJK

 Trans EPA ID:
 CAD982413262

Trans Name: EVERGREEN ENVIRONMENTAL SERVICES

Trans 2 EPA ID: Not Reported
Trans 2 Name: Not Reported
TSDF EPA ID: CAD982446858

Trans Name: EVERGREEN OIL INC - SANTA MARIA

TSDF Alt EPA ID: Not Reported TSDF Alt Name: Not Reported

Waste Code Description: 223 - Unspecified oil-containing waste

RCRA Code: Not Reported

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons:0.31275Waste Quantity:75Quantity Unit:G

Additional Code 1: Not Reported
Additional Code 2: Not Reported
Additional Code 3: Not Reported
Additional Code 4: Not Reported
Additional Code 5: Not Reported

Additional Info:

Year: 2010

Gen EPA ID: CAL000055409

Shipment Date: 20100615

Creation Date: 8/30/2010 18:30:46

 Receipt Date:
 20100618

 Manifest ID:
 002581661JJK

 Trans EPA ID:
 CAD982413262

Trans Name: EVERGREEN ENVIRONMENTAL SERVICES

Trans 2 EPA ID: Not Reported
Trans 2 Name: Not Reported
TSDF EPA ID: CAD980887418
Trans Name: EVERGREEN OIL INC

TSDF Alt EPA ID: Not Reported TSDF Alt Name: Not Reported

Waste Code Description: 135 - Unspecified aqueous solution

RCRA Code: Not Reported

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.231 Waste Quantity: 55

B J ATV RENTALS INC, 197 GRAND AVENUE, GROVER BEACH, CA 934330000 (Continued)

Quantity Unit: G

Additional Code 1: Not Reported
Additional Code 2: Not Reported
Additional Code 3: Not Reported
Additional Code 4: Not Reported
Additional Code 5: Not Reported

HWTS: Other Ascertainable Records

Name: B J ATV RENTALS INC Address: 197 GRAND AVENUE

Address 2: Not Reported

City, State, Zip: GROVER BEACH, CA 934330000

 EPA ID:
 CAL000055409

 Inactive Date:
 Not Reported

 Create Date:
 10/25/1993

 Last Act Date:
 10/10/2020

 Mailing Name:
 Not Reported

Mailing Address: 197 W GRAND AVENUE

Mailing Address 2: Not Reported

Mailing City, State, Zip: GROVER BEACH, CA 934330000

Owner Name: BJ'S ATV RENTALS INC Owner Address: 197 W GRAND AVE

Owner Address 2: Not Reported

Owner City, State, Zip: GROVER BEACH, CA 934330000

Contact Name: WAYNE FOSTER
Contact Address: 197 W GRAND AVE
Contact Address 2: Not Reported

City, State, Zip: GROVER BEACH, CA 93433

	B J ATV RENTALS INC 197 GRAND AVENUE, GROVER BEACH, CA, 93433-0000		1024656402
Ī		Target Property	Other Ascertainable Records
	▲ A4	19 ft. Above Sea Level	

Worksheet:

FINDS: Other Ascertainable Records

Registry ID: 110070444790

Click Here: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070444790

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=2V2sVn1rsc8bng2Mr.1ocB2gb14agn7WMe1J.m7Xod2PVF1Ssh71nL13rg5uca25bD44go33 MQ3I.T24VT2gsC1GnM7HrnAfc54Mb69PgY5RMy9L.P6koU0lBH3ngptw1u2WV62Xs61snM2FrV1kci3Sbv5jgT7TMu6t.C7xoz5VB91Ggf3z1E1 additional records for this site. Please contact your EDR Account Executive for more information.

B J ATV RENTALS INC, 197 GRAND AVENUE, GROVER BEACH, CA 93433-0000 (Continued)

ECHO: Other Ascertainable Records

Envid: 1024656402 Registry ID: 110070444790

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070444790

Name: B J ATV RENTALS INC
Address: 197 GRAND AVENUE
City, State, Zip: GROVER BEACH, CA 93433

B J ATV RENTALS INC 197 GRAND AVENUE, GROVER BEACH, CA, 93433-0000		1024788892
	Target Property	Other Ascertainable Records
▲ A5	19 ft. Above Sea Level	

Worksheet:

RCRA NonGen / NLR: Other Ascertainable Records

Date Form Received by Agency: 19931025

Handler Name: B J ATV RENTALS INC Handler Address: 197 GRAND AVENUE

Handler City, State, Zip: GROVER BEACH, CA 93433-0000

EPA ID: CAL000055409

Contact Name: WAYNE FOSTER

Contact Address: 197 W GRAND AVE

Contact City, State, Zip: GROVER BEACH, CA 93433

 Contact Telephone:
 805-481-5411

 Contact Fax:
 805-481-0701

Contact Email: BJSATVRENTALS@SBCGLOBAL.NET

Contact Title: Not Reported

EPA Region: 09

Land Type: Not Reported

Federal Waste Generator Description: Not a generator, verified

Non-Notifier: Not Reported
Biennial Report Cycle: Not Reported
Accessibility: Not Reported
Active Site Indicator: Handler Activities
State District Owner: Not Reported
State District: Not Reported

Mailing Address: 197 W GRAND AVENUE

Mailing City, State, Zip: GROVER BEACH, CA 93433-0000

Owner Name: BJ'S ATV RENTALS INC

Owner Type: Other

Operator Name: WAYNE FOSTER

Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

B J ATV RENTALS INC, 197 GRAND AVENUE, GROVER BEACH, CA 93433-0000 (Continued)

Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner No Exemption: Smelting Melting and Refining Furnace Exemption: No

Underground Injection Control: No Off-Site Waste Receipt: No Universal Waste Indicator: Yes Universal Waste Destination Facility: Yes Federal Universal Waste: No

Active Site Fed-Reg Treatment Storage and Disposal Facility:

Not Reported

Active Site Converter Treatment storage and Disposal Facility: Active Site State-Reg Treatment Not Reported

Storage and Disposal Facility:

Not Reported

Active Site State-Reg Handler:

Federal Facility Indicator: Not Reported

Hazardous Secondary Material Indicator:

Sub-Part K Indicator: Not Reported

Commercial TSD Indicator: No

Treatment Storage and Disposal Not Reported

Type:

2018 GPRA Permit Baseline: Not on the Baseline 2018 GPRA Renewals Baseline: Not on the Baseline

Permit Renewals Workload Universe: Not Reported Permit Workload Universe: Not Reported Permit Progress Universe: Not Reported Post-Closure Workload Universe: Not Reported Closure Workload Universe: Not Reported

202 GPRA Corrective Action No

Baseline:

Corrective Action Workload Universe: No Subject to Corrective Action Universe: No Non-TSDFs Where RCRA CA has No Been Imposed Universe:

TSDFs Potentially Subject to CA

No

Under 3004 (u)/(v) Universe: TSDFs Only Subject to CA under

No

Discretionary Auth Universe: Corrective Action Priority Ranking:

No NCAPS ranking

Environmental Control Indicator: No Institutional Control Indicator: No Human Exposure Controls Indicator: N/A Groundwater Controls Indicator: N/A

Operating TSDF Universe: Not Reported Full Enforcement Universe: Not Reported

Significant Non-Complier Universe: No Unaddressed Significant Non-No

Complier Universe:

Addressed Significant Non-Complier

B J ATV RENTALS INC, 197 GRAND AVENUE, GROVER BEACH, CA 93433-0000 (Continued)

Significant Non-Complier With a Compliance Schedule Universe:

No

Financial Assurance Required: Not Reported Handler Date of Last Change: 20180905

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid No

Batteries:

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner

Owner/Operator Name: BJ'S ATV RENTALS INC

Legal Status: Other

Date Became Current: Not Reported
Date Ended Current: Not Reported
October 107 M CRAND

Owner/Operator Address: 197 W GRAND AVE

Owner/Operator City, State, Zip: GROVER BEACH, CA 93433-0000

Owner/Operator Telephone: 805-481-5411
Owner/Operator Telephone Ext: Not Reported
Owner/Operator Fax: Not Reported
Owner/Operator Email: Not Reported

Owner/Operator Indicator: Operator

Owner/Operator Name: WAYNE FOSTER

Legal Status: Other

Date Became Current:

Not Reported

Not Reported

Not Reported

Not Reported

Not Reported

Owner/Operator Address:

197 W GRAND AVE

Owner/Operator City, State, Zip: GROVER BEACH, CA 93433

Owner/Operator Telephone: 805-481-5411
Owner/Operator Telephone Ext: Not Reported
Owner/Operator Fax: Not Reported
Owner/Operator Email: Not Reported

Historic Generators:

Receive Date: 19931025

Handler Name: B J ATV RENTALS INC Federal Waste Generator Description: Not a generator, verified

State District Owner: Not Reported

Large Quantity Handler of Universal

Waste:

No

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

B J ATV RENTALS INC, 197 GRAND AVENUE, GROVER BEACH, CA 93433-0000 (Continued)

Non Storage Recycler Activity: Not Reported Electronic Manifest Broker: Not Reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299

NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

	BJ'S ATV RENTALS 197 W GRAND AVE, GROVER BEACH, CA, 93433		S124441157
	▲ A6	Target Property	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
		19 ft. Above Sea Level	Carlot / locot latitude / locot do

Worksheet:

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name: BJ'S ATV RENTALS Address: 197 W GRAND AVE

City, State, Zip: GROVER BEACH, CA 93433

Site ID: 548869 CERS ID: 10437283

CERS Description: Hazardous Waste Generator

CERS: Other Ascertainable Records

Name: BJ'S ATV RENTALS Address: 197 W GRAND AVE

City, State, Zip: GROVER BEACH, CA 93433

 Site ID:
 548869

 CERS ID:
 10437283

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 06-21-2018

Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31

Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned

sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface

water which could threaten human health or the environment.

Violation Notes: Returned to compliance on 08/01/2018. PLACE 55-GALLON DRUMS OF USED OIL IN SECONDARY

CONTAINMENT.

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

San Luis Obispo County Environmental Health Violation Division:

Violation Program: HW Violation Source: CERS, 548869 Site ID:

BJ'S ATV RENTALS Site Name:

Violation Date: 06-21-2018

Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)

Violation Description: Failure to meet the following conditions of satellite accumulation regulations: Accumulate up to 55 gallons

of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. The generator complies with section 66265.171, 66265.172, and 66265.173(a). The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated

Returned to compliance on 08/01/2018. ALL 5-GALLON BUCKETS CONTAINING USED OIL MUST BE MANAGE ACCORDINGLY. Violation Notes:

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW Violation Source: CERS.

Site ID: 548869

BJ'S ATV RENTALS Site Name:

Violation Date: 06-12-2019

Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release

or threatened release of a hazardous material or failure to document and maintain training records for a

minimum of three years.

Violation Notes: Returned to compliance on 06/12/2019. Submit employee training sign-in sheet to your inspector by

7/12/2019.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: **HMRRP** Violation Source: CERS, Site ID: 548869

BJ'S ATV RENTALS Site Name:

Violation Date: 06-21-2018

40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173 Citation:

Failure to meet the following container management requirements: (a) A container holding hazardous Violation Description:

waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may

rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 08/01/2018. ALL HAZARDOUS WASTE CONTAINERS (INCLUDING 5

GALLON BUCKETS) MUST BE CLOSED/SEALED WHEN TRANSFERRING ACTIVITIES ARE NOT OCCURRING.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW Violation Source: CERS.

Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 08-03-2017

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material

at or above reportable quantities.

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

Violation Notes:

Returned to compliance on 10/03/2017. UPDATE HAZARDOUS MATERIAL BUSINESS PLAN, ELECTRONICALLY, BY 9/2/2017 GO TO SLO EHS PORTAL WEBSITE: WWW.EZSUBMITSLOGOV.ORG AND LOGIN TO UPDATE/CERTIFY PLAN ENSURE YOU CHANGE THE CERTIFICATION DATE, TO CURRENT DATE, AT THE BOTTOM OF FORM S, BUSINESS

OWNER OPERATOR ID PAGE.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: **HMRRP** Violation Source: CERS,

Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 06-21-2018

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a site map with all required content.

Returned to compliance on 08/01/2018. ELECTRONICALLY UPDATE THE SITE MAP TO IDENTIFY Violation Notes:

THE PROPER LOCATION OF THE TRAILER STORING THE GASOLINE.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: **HMRRP** Violation Source: CERS, Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 06-21-2018

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Failure to complete and electronically submit hazardous material inventory information for all reportable Violation Description:

hazardous materials on site at or above reportable quantities.

Violation Notes:

Returned to compliance on 07/23/2018. ELECTRONICALLY UPDATE THE CHEMICAL INVENTORY TO REFLECT THE LARGEST CONTAINER OF GASOLINE TO BE 250 GALLONS WITH A MAXIMUM AMOUNT TO TOTAL ALL GAS ON SITE, APPROXIMATELY 500 GALLONS. REVISE THE USED OIL INVENTORY SHEET TO INCLUDE THE MAXIMUM AMOUNT OF USED OIL TO INCLUDE THE TWO 55-GALLONS DRUMS OF USED OIL IN ADDITION TO THE USED OIL TANK.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: **HMRRP** Violation Source: CERS, Site ID: 548869

BJ'S ATV RENTALS Site Name:

Violation Date: 06-12-2019

Citation: HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code, Chapter 6.5, Section(s)

25189.5(a),25201(a)

Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of Violation Description:

hazardous waste at any point which is not authorized according to HSC 6.5.

Returned to compliance on 06/13/2019. Set up labeled container for waste water (coolant) from vehicles Violation Notes:

and train employees on proper disposal of waste water. Send a picture to your inspector at

msbliss@co.slo.ca.us.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW Violation Source: CERS. Site ID: 548869

BJ'S ATV RENTALS Site Name:

Violation Date: 01-25-2016

Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections

Haz Waste Generator Program - Operations/Maintenance - General Violation Description:

Violation Notes: Returned to compliance on 04/01/2016. PROVIDE COPIES OF DISPOSAL RECORDS.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

CERS. Violation Source:

Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 01-25-2016

HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) Citation:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release Violation Description:

or threatened release of a hazardous material or failure to document and maintain training records for a

Returned to compliance on 04/04/2016. PROVIDE COPIES OF EMPLOYEE TRAINING DOCUMENTATION, WHICH COVERS HAZARD COMMUNICATION. Violation Notes:

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HMRRF Violation Source: CERS, Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 06-21-2018

Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22 Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.

Violation Notes: Returned to compliance on 08/01/2018. Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW Violation Source: CERS, Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date:

Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description:

Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the

container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to subsections (e)(2) or (e)(3) of (22 CCR 11 do2017, or (f) by shipping the container or limiter back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being

emptied.

Returned to compliance on 08/01/2018. LABEL ALL THIRTEEN EMPTY 55-GALLON DRUM DATE THEY WERE EMPTIED. EMPTY CONTAINERS MUST BE PROPERLY MANAGED WITH ONE YEAR. HAVE Violation Notes:

RECORDS AVAILABLE FOR PROPER DRUM DISPOSAL/REMOVAL.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: Violation Source: CERS, Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 06-21-2018

Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Failure to keep a copy of each properly signed manifest for at least three years from the date the waste Violation Description: was accepted by the initial transporter. The manifest signed at the time the waste was accepted for

transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 08/01/2018, HAZARDOUS WASTE DISPOSAL RECORDS COULD NOT BE

LOCATED DURING THE TIME OF INSPECTION; THEREFORE, SUBMIT DISPOSAL RECORDS FOR USED OIL, USED OIL FILTERS AND SOLVENT TO CUPA INSPECTOR LINNEA FAULKNER PREFERABLY VIA EMAIL AT LFAULKNER@CO.SLO.CA.US.

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW
Violation Source: CERS,
Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 01-25-2016

Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for

three years.

Violation Notes: Returned to compliance on 04/01/2016. PROVIDE COPIES FROM PAST 3 YEARS.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW
Violation Source: CERS,
Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 01-25-2016

Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)

Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous

material at or above reportable quantities.

Violation Notes: Returned to compliance on 04/04/2016. UPDATE IN ONLINE PORTAL.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 548869

Site Name: BJ'S ATV RENTALS

Violation Date: 01-25-2016

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable

hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 04/04/2016.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HMRRP Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 06-12-2019 Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-13-2019

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 06-21-2018

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 06-21-2018

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 08-03-2017 Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-06-2017

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 01-25-2016

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown Eval Date: 04-01-2016

Violations Found: No

Eval Type: Other, not routine, done by local agency

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 07-16-2020

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Items marked N/A not reviewed during inspection. Have secondary containment for used oil pumped out

during next pick-up.

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-14-2014

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2016

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-30-2019

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 08-03-2017

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 01-25-2016

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

HMRRP Eval Program: **Eval Source:** CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 06-12-2019

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Business Plan update in progress. Determine size of gasoline tank. Items marked N/A not reviewed during

inspection.

Eval Division: San Luis Obispo County Environmental Health

Eval Program: **HMRRP** Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 07-16-2020

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW CERS, Eval Source:

Other/Unknown Eval General Type: Eval Date: 08-01-2018

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

San Luis Obispo County Environmental Health **Eval Division:**

Eval Program: HW **Eval Source:** CERS.

Eval General Type: Other/Unknown Eval Date: 08-01-2018

Violations Found: No

Eval Type: Other, not routine, done by local agency

ITEMS MARKED "N/A" WERE NOT PART OF THIS INSPECTION REPORT. REVISE SITE MAP AS DISCUSSED. EMPLOYEE TRAINING RECORDS WILL BE REVIEWED AT THE NEXT INSPECTION. **Eval Notes:**

Eval Division: San Luis Obispo County Environmental Health

HMRRP Eval Program: **Eval Source:** CERS.

Coordinates:

Site ID: 548869

BJ'S ATV RENTALS Facility Name:

Env Int Type Code: **HMBP** Program ID: 10437283 Coord Name: Not Reported

Ref Point Type Desc: Center of a facility or station.,

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

Latitude: 35.122390 Longitude: -120.629320

Affiliation:

Affiliation Type Desc: **Document Preparer** Entity Name: Wayne Foster **Entity Title:** Not Reported Affiliation Address: Not Reported Affiliation City: Not Reported Affiliation State: Not Reported Affiliation Country: Not Reported Affiliation Zip: Not Reported

Affiliation Phone: ,

Identification Signer Affiliation Type Desc: Entity Name: Wayne Foster **Entity Title:** Manager Affiliation Address: Not Reported Affiliation City: Not Reported Affiliation State: Not Reported Affiliation Country: Not Reported Affiliation Zip: Not Reported

Affiliation Phone: ,

Affiliation Type Desc:

Entity Name:

Entity Title:

Affiliation Address:

Affiliation City:

Legal Owner

FOSTER, WAYNE

Not Reported

501 STATE

FREEBURG

Affiliation State:

Affiliation Country: United States
Affiliation Zip: 62243

Affiliation Phone: (805) 481-5411,

Affiliation Type Desc: CUPA District

Entity Name: SLO County Env Health

Entity Title: Not Reported
Affiliation Address: 2156 Sierra Way
Affiliation City: San Luis Obispo

Affiliation State: CA

Affiliation Country: Not Reported Affiliation Zip: 93406

Affiliation Phone: (805) 781-5544,

Affiliation Type Desc: Parent Corporation
Entity Name: BJ'S ATV RENTALS

Entity Title: Not Reported
Affiliation Address: Not Reported
Affiliation City: Not Reported
Affiliation State: Not Reported
Affiliation Country: Not Reported

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

Affiliation Zip: Not Reported

Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not Reported
Affiliation Address: 197 W GRAND AVE
Affiliation City: GROVER BEACH

Affiliation State: CA

Affiliation Country: Not Reported Affiliation Zip: 93433

Affiliation Phone:

Affiliation Type Desc: Operator

Entity Name: BJ's ATV Rentals Inc.

Entity Title: Not Reported Affiliation Address: Not Reported Affiliation City: Not Reported Affiliation State: Not Reported Affiliation Country: Not Reported Affiliation Zip: Not Reported Affiliation Phone: (805) 481-5411, Affiliation Type Desc: Property Owner **TDW Family LLC**

Entity Name: TDW Family LLC Entity Title: Not Reported

Affiliation Address: 197 W Grand Avenue

Affiliation City: Grover Beach

Affiliation State: CA

Affiliation Country: United States

Affiliation Zip: 93433

Affiliation Phone: (805) 441-9533,

Affiliation Type Desc: Environmental Contact Entity Name: FOSTER, WAYNE Entity Title: Not Reported Affiliation Address: 501 N STATE Affiliation City: FREEBURG

Affiliation State: IL

Affiliation Country: Not Reported
Affiliation Zip: 62243

Affiliation Phone: ,

BJ'S ATV RENTALS 197 W GRAND AVE, GROVER BEACH, CA, 93433		1023215698
	Target Property	Other Ascertainable Records
▲ A7	19 ft. Above Sea Level	

Worksheet:

BJ'S ATV RENTALS, 197 W GRAND AVE, GROVER BEACH, CA 93433 (Continued)

FINDS: Other Ascertainable Records

Registry ID: 110065014674

Click Here: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065014674

Environmental Interest/Information System:

STATE MASTER

The Click here to access additional FINDS: detail in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=272t7Z1ktM8wZw2Kkn1OMm2uwA4iwP77KD1OnG7tOo2x7V16t37HZx1hkT5PMk2lwx43w G3TKJ3bn72B7H2ktT1zZN7BkmAmMl4mwB9ywk5KKN9On36lOe0Xmk3QuXtHAr2C7N2Ht51iZj2DkG1XM33iwP43wz3mKc2Tnz6eOl7ImAAmu Z9oAn1 additional records for this site. Please contact your EDR Account Executive for more information.

BOYCES GASOLINE ALLEY 127 RAMONA AVE, GROVER BEACH, CA, 93433			1020707725
	NNE <1/10	(108 ft. / 0.02 mi.)	EDR Exclusive Records
▲ A8	3 ft. Higher Elevation	22 ft. Above Sea Level	

Worksheet:

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:
1974:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1975:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1976:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1977:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1978:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1979:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1979:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1980:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1982:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1983:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1985:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1986:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1987:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1988:	BOYCES GASOLINE ALLEY / Automotive Repair Shops, NEC
1990:	BOYCES GASOLINE ALLEY / Auto Exhaust System Repair Shops, NEC
1991:	BOYCES GASOLINE ALLEY / Auto Exhaust System Repair Shops, NEC
1992:	BOYCES GASOLINE ALLEY / Auto Exhaust System Repair Shops, NEC
1993:	BOYCES GASOLINE ALLEY / Auto Exhaust System Repair Shops, NEC
1994:	BOYCES GASOLINE ALLEY / Auto Exhaust System Repair Shops, NEC

TAYLOR'S TUNE U 242 FRONT ST, GI	JP SHOP ROVER BEACH, CA, 9343:	S121791365	
	N <1/10	(216 ft. / 0.041 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
▲ 9	6 ft. Higher Elevation	25 ft. Above Sea Level	

Worksheet:

TAYLOR'S TUNE UP SHOP, 242 FRONT ST, GROVER BEACH, CA 93433 (Continued)

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

TAYLOR'S TUNE UP SHOP Name:

Address: 242 FRONT ST

City, State, Zip: GROVER BEACH, CA 93433

Site ID: 74047 CERS ID: 10436944

Hazardous Waste Generator **CERS** Description:

CERS: Other Ascertainable Records

TAYLOR'S TUNE UP SHOP Name:

Address: 242 FRONT ST

City, State, Zip: GROVER BEACH, CA 93433

Site ID: 74047 CERS ID: 10436944

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 74047

Site Name: TAYLOR'S TUNE UP SHOP

Violation Date: 08-02-2018

Citation: 40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171

Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.

Violation Notes:

Returned to compliance on 11/12/2018. Provide secondary containment that is able to hold 100% of the capacity of the largest container stored plus sufficient freeboard for the used coolant drum. Send your inspector a picture of the containment. Show the containment pallet for used oil drums is sufficiently able

to store at least 55 gallons.

Violation Division: San Luis Obispo County Environmental Health

Violation Program: HW Violation Source: CERS.

Evaluation:

Eval General Type: Other/Unknown Eval Date: 06-12-2020

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

HW Eval Program: **Eval Source:** CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 08-02-2018

Violations Found:

Eval Type: Routine done by local agency

Eval Notes:

FACILITY IS CURRENTLY IN CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR TIER. IF NOTED VIOLATIONS ARE NOT CORRECTED IN TIMELY MANNER AND COPIES OF HAZARDOUS WASTE MANIFESTS ARE NOT SENT IN TO YOUR INSPECTOR YEARLY (REVIEWED ON SITE TODAY), THE FACILITY WILL BE PLACED INTO THE STANDARD HAZARDOUS WASTE

GENERÁTOR TIER WHICH INCLUDES AN ANNUAL SITE VISIT AND INCREASED PERMIT FEE.

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW

TAYLOR'S TUNE UP SHOP, 242 FRONT ST, GROVER BEACH, CA 93433 (Continued)

Eval Source: CERS.

Eval General Type: Other/Unknown Eval Date: 11-15-2018

No Violations Found:

Eval Type: Other, not routine, done by local agency

Eval Notes: review emailed pictures of secondary containment **Eval Division:** San Luis Obispo County Environmental Health

Eval Program: HW **Eval Source:** CERS,

Eval General Type: Compliance Evaluation Inspection

12-11-2019 Eval Date:

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Review CESQG letter sent in 5/8/2019

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW **Eval Source:** CERS.

Eval General Type: Compliance Evaluation Inspection

Eval Date: 05-24-2017

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW CERS, Eval Source:

Eval General Type: Other/Unknown Eval Date: 10-30-2018

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Not Reported

San Luis Obispo County Environmental Health **Eval Division:**

Eval Program: HW **Eval Source:** CERS.

Eval General Type: Other/Unknown Eval Date: 01-02-2018

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes:

INSPECTION TO DETERMINE VALIDITY OF COMPLAINT. OBSERVED OILY DEBRIS AT FENCE LINE BETWEEN THE PROPERTIES. DISCUSSED WITH OWNER OF UNCLE TONY'S. INSTRUCTED THEM TO CLEAN-UP OILY DEBRIS INTO PLASTIC BAGS AND PLACE IN TRASH CAN AS IT WAS A SMALL AMOUNT. I ALSO REMINDED THE OWNERS RAIN IS COMING AND TO ENSURE ALL CONTAINERS WITH OIL WERE STORED INSIDE OR COVERED. OBSERVED OILY DEBRIS ON OTHER SIDE OF FENCE, PROPERTY BELONGING TO COMPLAINANT. I ADVISED THE OWNER TO CLEAN-UP THE OILY DEBRIS AND PLACE IN PLASTIC BAGS AND INTO TRASH AS IT WAS ALSO A SMALL AMOUNT. I CONFIRMED WITH THE OWNER TO CALL APCD ON COMPLAINANT OF SMOGGING CARS

CARS.

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW **Eval Source:** CERS.

Eval General Type: Other/Unknown

TAYLOR'S TUNE UP SHOP, 242 FRONT ST, GROVER BEACH, CA 93433 (Continued)

Eval Date: 02-24-2014

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes:

A COMPLAINT WAS RECEIVED REGARDING DISCHARGE OF WASTE ANTIFREEZE TO THE STORMDRAIN. OPERATOR STATED A VEHICLE PULLED UP IN HIS SHOP WITH RADIATOR BOILING OVER. NOTIFIED HIM OF REPORTING REQUIREMENTS AND RESPONSIBILITY FOR CLEAN UP.

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW **Eval Source:** CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 12-31-2014

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Not Reported

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HW **Eval Source:** CERS,

Coordinates:

74047 Site ID:

Facility Name: TAYLOR'S TUNE UP SHOP

HWG Env Int Type Code: 10436944 Program ID: Coord Name: Not Reported

Ref Point Type Desc: Center of a facility or station.,

Latitude: 35.123510 Longitude: -120.629340

Affiliation:

CUPA District Affiliation Type Desc:

Entity Name: SLO County Env Health

Entity Title: Not Reported Affiliation Address: 2156 Sierra Way Affiliation City: San Luis Obispo

Affiliation State: CA

Affiliation Country: Not Reported

Affiliation Zip: 93406

(805) 781-5544, Affiliation Phone:

Affiliation Type Desc: Facility Mailing Address

Entity Name: Mailing Address **Entity Title:** Not Reported Affiliation Address: 242 FRONT ST **GROVER BEACH** Affiliation City:

Affiliation State: CA

Affiliation Country: Not Reported Affiliation Zip: 93433

Affiliation Phone:

TAYLOR'S TUNE UP SHOP, 242 FRONT ST, GROVER BEACH, CA 93433 (Continued)

Affiliation Type Desc: Parent Corporation

Entity Name: TAYLOR'S TUNE UP SHOP

Entity Title: Not Reported
Affiliation Address: Not Reported
Affiliation City: Not Reported
Affiliation State: Not Reported
Affiliation Country: Not Reported
Affiliation Zip: Not Reported

Affiliation Phone: ,

AT&T - SE1JV 458 RAMONA AVE, GROVER BEACH, CA, 93433			S126976422
. 40	E 1/10 - 1/3	(998 ft. / 0.189 mi.)	Other Ascertainable Records
▲ 10	16 ft. Higher Elevation	35 ft. Above Sea Level	

Worksheet:

CUPA SAN LUIS OBISPO: Other Ascertainable Records

Name: AT&T - SE1JV
Address: 458 RAMONA AVE

City,State,Zip: GROVER BEACH, CA 93433

Facility Id: FA0014709
Program Element Code: 0726

Program Element: HAZMAT DISCLOSURE - 1-4 HAZARDOUS MATERIALS

Record Id: PR0020158
Cross Street: Not Reported

Status Code: 01

Status: Active, billable
Latitude: Not Reported
Longitude: Not Reported

CERS: Other Ascertainable Records

Name: AT&T - SE1JV
Address: 458 RAMONA AVE

City, State, Zip: GROVER BEACH, CA 93433

 Site ID:
 568683

 CERS ID:
 10852753

CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 10-07-2020

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Items marked N/A not reviewed during inspection.

Eval Division: San Luis Obispo County Environmental Health

Eval Program: HMRRP

AT&T - SE1JV, 458 RAMONA AVE, GROVER BEACH, CA 93433 (Continued)

Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District

Entity Name: SLO County Env Health

Entity Title: Not Reported
Affiliation Address: 2156 Sierra Way
Affiliation City: San Luis Obispo

Affiliation State: CA

Affiliation Country: Not Reported

Affiliation Zip: 93406

Affiliation Phone: (805) 781-5544,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not Reported

Affiliation Address: 308 S. Akard St., 17th Floor

Affiliation City: Dallas
Affiliation State: TX

Affiliation Country: Not Reported Affiliation Zip: 75202

Affiliation Phone:

Affiliation Type Desc: Identification Signer Entity Name: Jeremy McGrue

Entity Title: National EPCRA Manager

Affiliation Address: Not Reported
Affiliation City: Not Reported
Affiliation State: Not Reported
Affiliation Country: Not Reported
Affiliation Zip: Not Reported

Affiliation Phone:

Affiliation Type Desc: Legal Owner

Entity Name: Pacific Bell Telephone Company dba AT&T California

Entity Title: Not Reported

Affiliation Address: 308 S. Akard St., 17th Floor

Affiliation City: Dallas
Affiliation State: TX

Affiliation Country: United States
Affiliation Zip: 75202

Affiliation Phone: (214) 464-1712,

Affiliation Type Desc: Operator

Entity Name: AT&T California
Entity Title: Not Reported
Affiliation Address: Not Reported
Affiliation City: Not Reported
Affiliation State: Not Reported
Affiliation Country: Not Reported
Affiliation Zip: Not Reported

AT&T - SE1JV, 458 RAMONA AVE, GROVER BEACH, CA 93433 (Continued)

Affiliation Phone: (800) 566-9347,

Affiliation Type Desc: Document Preparer

Entity Name: Peter Burnell, Sigma Consultants, Inc.

Entity Title: Not Reported
Affiliation Address: Not Reported
Affiliation City: Not Reported
Affiliation State: Not Reported
Affiliation Country: Not Reported
Affiliation Zip: Not Reported

Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact

Entity Name: AT&T EH&S Hotline - Option #1

Entity Title: Not Reported

Affiliation Address: 308 S. Akard St., 17th Floor

Affiliation City: Dallas
Affiliation State: TX

Affiliation Country: Not Reported

Affiliation Zip: 75202

Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation

Entity Name: Pacific Bell Telephone Company dba AT&T California

Entity Title: Not Reported
Affiliation Address: Not Reported
Affiliation City: Not Reported
Affiliation State: Not Reported
Affiliation Country: Not Reported
Affiliation Zip: Not Reported

Affiliation Phone: ,

St Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date		
ENVIRONMENTAL RECORDS							
Federal NPL site list US NPL US Proposed NPL US NPL LIENS	National Priority List Proposed National Priority List Sites Federal Superfund Liens	EPA EPA EPA	01/25/2022 01/25/2022 10/15/1991	02/03/2022 02/03/2022 02/02/1994	02/22/2022 02/22/2022 03/30/1994		
Federal CERCLIS list US SEMS	Superfund Enterprise Management System	EPA	01/25/2022	02/03/2022	02/22/2022		
Federal RCRA CORRACTS facilities II. US CORRACTS	ist Corrective Action Report	EPA	02/28/2022	03/02/2022	03/17/2022		
Federal RCRA TSD facilities list US RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022		
Federal RCRA generators list US RCRA-LQG US RCRA-SQG US RCRA-VSQG	RCRA - Large Quantity Generators RCRA - Small Quantity Generators RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency Environmental Protection Agency Environmental Protection Agency	02/28/2022 02/28/2022 02/28/2022	03/02/2022 03/02/2022 03/02/2022	03/17/2022 03/17/2022 03/17/2022		
Federal institutional controls / engine US LUCIS US US ENG CONTROLS US US INST CONTROLS	Land Use Control Information System Engineering Controls Sites List Institutional Controls Sites List	Department of the Navy Environmental Protection Agency Environmental Protection Agency	11/15/2021 11/19/2021 11/19/2021	11/16/2021 11/19/2021 11/19/2021	02/08/2022 02/14/2022 02/14/2022		
Federal ERNS list US ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/31/2021	03/01/2022	03/10/2022		
State and tribal - equivalent NPL CA RESPONSE	State Response Sites	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022		
State and tribal - equivalent CERCLIS CA ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022		
State and tribal landfill / solid waste of CA SWF/LF (SWIS)	disposal Solid Waste Information System	Department of Resources Recycling and Recover	11/08/2021	11/09/2021	01/28/2022		
State and tribal leaking storage tank of CA LUST REG 1 CA LUST REG 6V CA LUST REG 9 CA LUST REG 6L CA LUST REG 4 CA LUST REG 5 CA LUST REG 7	Active Toxic Site Investigation Leaking Underground Storage Tank Case Listing Leaking Underground Storage Tank Report Leaking Underground Storage Tank Case Listing Underground Storage Tank Leak List Leaking Underground Storage Tank Database Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa California Regional Water Quality Control Boa	02/01/2001 06/07/2005 03/01/2001 09/09/2003 09/07/2004 07/01/2008 02/26/2004	02/28/2001 06/07/2005 04/23/2001 09/10/2003 09/07/2004 07/22/2008 02/26/2004	03/29/2001 06/29/2005 05/21/2001 10/07/2003 10/12/2004 07/31/2008 03/24/2004		

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
Stat	e and tribal registered storage tan	k lists				
CA	UST	Active UST Facilities	SWRCB	12/06/2021	12/07/2021	02/23/2022
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	12/01/2021	12/07/2021	03/02/2022
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/14/2021	11/15/2021	02/08/2022
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
Stat	e and tribal voluntary cleanup site	s				
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016

State and tribal Brownfields sites CA BROWNFIELDS Considered Brownfieds Sites Listing State Water Resources Control Board 12/15/2021 12/16/2021 03/03/20
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US EPA WATCH LIST EPA WATCH LIST Environmental Protection Agency 08/30/2013 03/21/2014 06/17/20
US COAL ASH EPA Coal Combustion Residues Surface Impoundments List Environmental Protection Agency 01/12/2017 03/05/2019 11/11/20
US LEAD SMELTER 1 Lead Smelter Sites Environmental Protection Agency 01/25/2022 02/03/2022 02/22/20
US Delisted NPL National Priority List Deletions EPA 01/25/2022 02/03/2022 02/22/20
US SEMS-ARCHIVE Superfund Enterprise Management System Archive EPA 01/25/2022 02/03/2022 02/22/20
US RCRA NonGen / NLR RCRA - Non Generators / No Longer Regulated Environmental Protection Agency 02/28/2022 03/02/2022 03/17/20
US HMIRS Hazardous Materials Information Reporting System U.S. Department of Transportation 12/15/2021 12/16/2021 03/10/20
US DOT OPS Incident and Accident Data Department of Transporation, Office of Pipeli 01/02/2020 01/28/2020 04/17/20
US US CDL Clandestine Drug Labs Drug Enforcement Administration 11/16/2021 11/18/2021 02/08/20
US US BROWNFIELDS A Listing of Brownfields Sites Environmental Protection Agency 02/23/2022 03/10/2022 03/10/202
US DOD Department of Defense Sites USGS 06/07/2021 07/13/2021 03/09/20
US FEDLAND Federal and Indian Lands U.S. Geological Survey 04/02/2018 04/11/2018 11/06/20
US FUDS Formerly Used Defense Sites U.S. Army Corps of Engineers 10/26/2021 11/16/2021 02/08/20
US UMTRA Uranium Mill Tailings Sites Department of Energy 08/30/2019 11/15/2019 01/28/20
US ODI Open Dump Inventory Environmental Protection Agency 06/30/1985 08/09/2004 09/17/20
US US MINES Mines Master Index File Department of Labor, Mine Safety and Health A 11/02/2021 11/22/2021 02/14/20
US MINES VIOLATIONS MSHA Violation Assessment Data DOL, Mine Safety & Health Admi 03/21/2022 03/22/2022 03/25/20
US US MINES 2 Ferrous and Nonferrous Metal Mines Database Listing USGS 05/06/2020 05/27/2020 08/13/20
US US MINES 3 Active Mines & Mineral Plants Database Listing USGS 04/14/2011 06/08/2011 09/13/20
US PRP Potentially Responsible Parties EPA 01/25/2022 02/03/2022 02/25/20
US TRIS
US TSCA Toxic Substances Control Act EPA 12/31/2016 06/17/2020 09/10/20

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	01/19/2022	01/19/2022	04/11/2022
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	01/20/2022	01/20/2022	03/25/2022
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/29/2021	08/24/2021	11/19/2021
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2021	11/22/2021	02/25/2022
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	10/20/2021	11/05/2021	11/12/2021
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2019	03/02/2022	03/25/2022
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	12/14/2021	12/15/2021	03/10/2022
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2019	01/20/2021	04/08/2021
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	12/31/2021	01/19/2022	04/08/2022
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	12/16/2021	12/16/2021	03/03/2022
CA	CUPA LIVERMORE-PLEASANTON		Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	11/30/2021	11/30/2021	02/16/2022
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/27/2021	09/01/2021	11/19/2021
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	11/17/2021	11/18/2021	02/07/2022
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	11/29/2021	11/29/2021	02/14/2022
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2019	06/10/2021	08/27/2021
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	11/10/2021	11/11/2021	02/03/2022
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	01/13/2022	01/14/2022	04/08/2022
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/18/2021	11/19/2021	02/07/2022
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	09/14/2021	11/11/2021	11/23/2021
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/15/2021	11/15/2021	02/03/2022
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	01/03/2022	01/04/2022	03/18/2022
CA	ICE	ICE	Department of Toxic Substances Control	11/15/2021	11/15/2021	02/03/2022
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	12/06/2021	12/07/2021	02/23/2022
_	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	02/24/2022	02/25/2022	03/09/2022
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
	MINES	Mines Site Location Listing	Department of Conservation	12/06/2021	12/07/2021	02/23/2022
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	11/18/2021	11/30/2021	02/23/2022
	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/10/2021	11/30/2021	01/27/2022
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	11/30/2021	11/30/2021	02/17/2022
CA	PROC	Certified Processors Database	Department of Conservation	11/30/2021	11/30/2021	02/11/2022
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	12/13/2021	12/14/2021	03/03/2022
	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/25/2021	10/26/2021	03/03/2022
CA	3011	School Froperty Evaluation Frogram	Department of Toxic Substances Control	10/23/2021	10/20/2021	01/14/2022

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	12/03/2021	12/07/2021	02/24/2022
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2022	01/04/2022	01/10/2022
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	01/18/2022	01/19/2022	04/11/2022
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2020	01/11/2022	02/14/2022
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	01/18/2022	01/19/2022	04/11/2022
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	07/13/2021	07/14/2021	10/06/2021
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	01/18/2022	01/19/2022	04/08/2022
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	11/30/2021	11/30/2021	02/16/2022
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	02/20/2020	12/10/2021	02/25/2022
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/15/2021	11/15/2021	02/01/2022
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	12/06/2021	12/07/2021	02/23/2022
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	12/06/2021	12/07/2021	02/23/2022
HIS	TORICAL USE RECORDS					
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date		
COUNTY RECORDS								
	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019		
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	12/28/2021	12/28/2021	03/18/2022		
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	11/01/2021	11/02/2021	01/24/2022		
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017		
_	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	12/28/2021	12/28/2021	03/18/2022		
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	04/06/2020	04/23/2020	07/10/2020		
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	10/22/2021	10/26/2021	01/19/2022		
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	10/01/2021	11/02/2021	01/24/2022		
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	11/30/2021	12/01/2021	02/16/2022		
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	06/28/2021	12/21/2021	03/03/2022		
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018		
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	08/12/2021	08/12/2021	11/08/2021		
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	01/13/2022	01/14/2022	04/06/2022		
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018		
CA	CUPA KERN	CUPA Facility List	Kern County Public Health	11/10/2021	11/12/2021	02/02/2022		
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	11/10/2021	11/12/2021	02/02/2022		
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	12/03/2020	01/26/2021	04/14/2021		
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	11/04/2021	11/05/2021	01/24/2022		
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/31/2020	08/21/2020	11/09/2020		
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009		
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	10/14/2021	10/19/2021	01/13/2022		
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	01/10/2022	01/11/2022	04/04/2022		
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2022	01/21/2022	04/11/2022		
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019		
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	01/10/2022	01/12/2022	04/04/2022		
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	04/19/2021	06/17/2021	06/28/2021		
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	04/19/2021	06/17/2021	09/14/2021		
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	05/26/2021	07/09/2021	09/29/2021		
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017		
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019		
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	02/02/2021	04/28/2021	07/13/2021		
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/10/2020	08/12/2020	10/23/2020		
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018		
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	09/22/2021	11/18/2021	11/22/2021		
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	11/24/2021	11/29/2021	02/11/2022		
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	02/22/2021	03/02/2021	05/19/2021		
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	10/04/2021	10/06/2021	12/29/2021		
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017		
	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019		
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	10/26/2021	10/27/2021	01/20/2022		
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	10/08/2021	11/04/2021	01/24/2022		
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	10/08/2021	11/02/2021	01/24/2022		
CA		List of Underground Storage Tank Facilities	Health Care Agency	10/29/2021	10/29/2021	01/20/2022		
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	12/01/2021	12/02/2021	02/25/2022		
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019		

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	03/31/2022	03/31/2022	04/08/2022
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	03/31/2022	03/31/2022	04/08/2022
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	06/18/2021	09/28/2021	12/14/2021
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	08/02/2021	08/04/2021	11/02/2021
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	11/04/2021	11/05/2021	01/24/2022
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	12/01/2021	12/02/2021	02/17/2022
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	11/30/2021	11/30/2021	02/16/2022
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	10/01/2020	11/23/2020	02/08/2021
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/22/2021	10/19/2021	01/13/2022
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	02/03/2022	02/04/2022	02/11/2022
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	11/10/2021	11/11/2021	02/02/2022
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	11/15/2021	11/16/2021	02/03/2022
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	11/19/2021	11/22/2021	02/07/2022
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	09/15/2021	09/16/2021	12/09/2021
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	07/02/2021	07/06/2021	07/14/2021
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	06/30/2021	06/30/2021	09/24/2021
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	11/09/2021	11/11/2021	02/02/2022
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	11/23/2021	11/29/2021	02/11/2022
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	01/13/2021	01/14/2021	04/06/2021
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	01/13/2022	01/14/2022	04/06/2022
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	04/26/2021	04/28/2021	07/13/2021
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	12/27/2021	01/20/2022	04/08/2022
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	12/27/2021	01/20/2022	04/11/2022
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	11/29/2021	12/07/2021	02/24/2022
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	12/27/2021	01/04/2022	03/18/2022
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	10/26/2021	10/27/2021	01/20/2022

St Acronym Full Name Government Agency Gov Date Arvl. Date Active Date

STREET AND ADDRESS INFORMATION

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Site Photographs Appendix

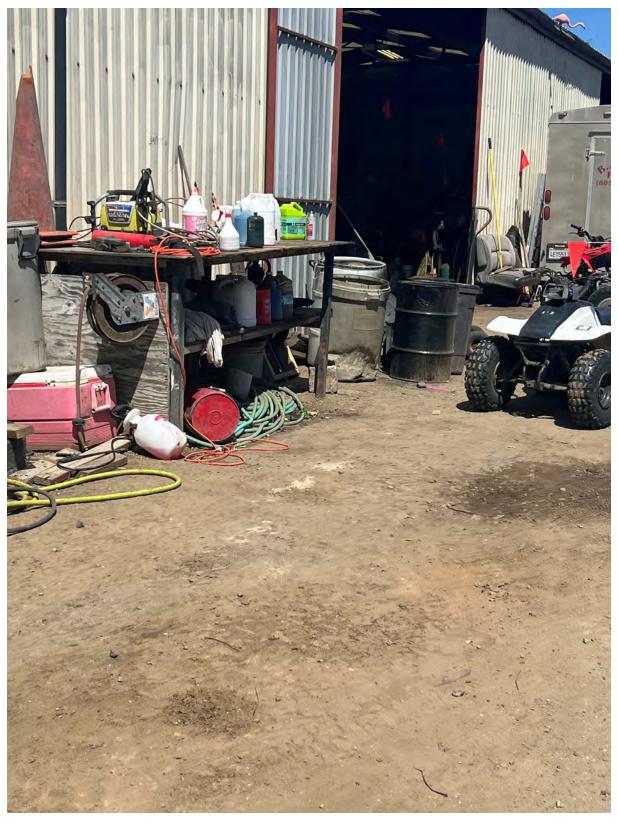


Photo 1: Exterior of warehouse, chemical storage, Drums (some used as trash receptacles), Oil staining on soil



Photo 2: Drums used as trash receptacles, oil staining on soil



Photo 3: Parts/tire storage

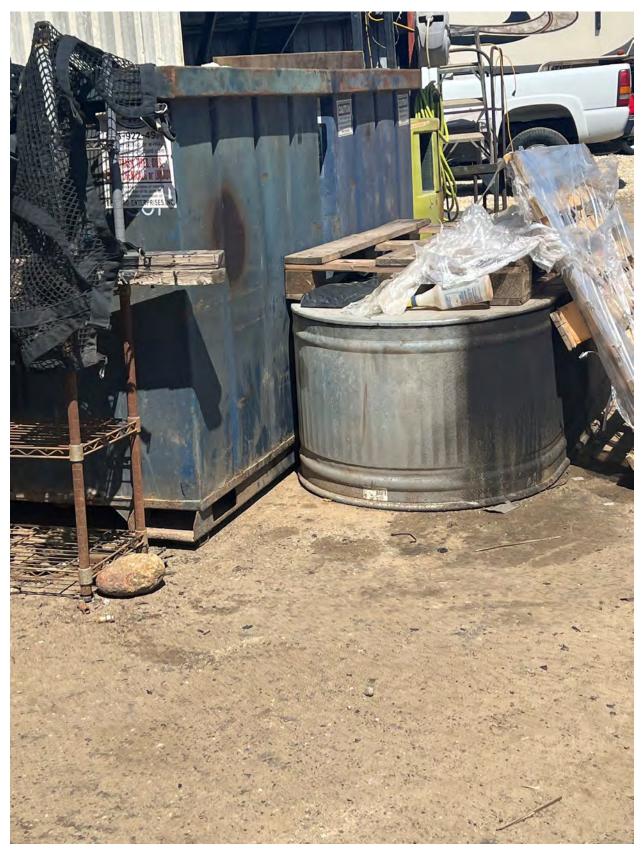


Photo 4: Oil staining on soil, corrosion on metal containers



Photo 5: Drum storing motor oil

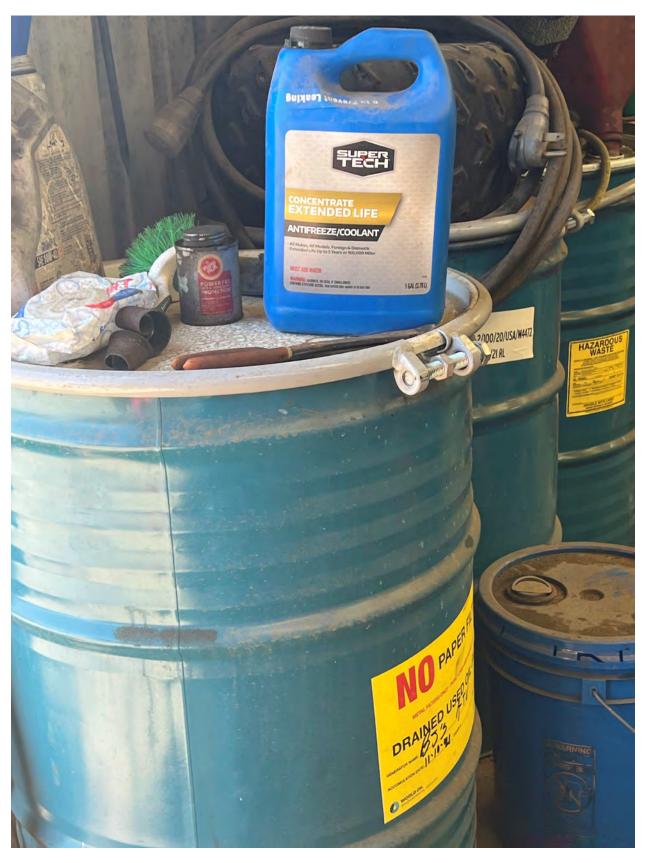


Photo 6: Drums containing hazardous waste

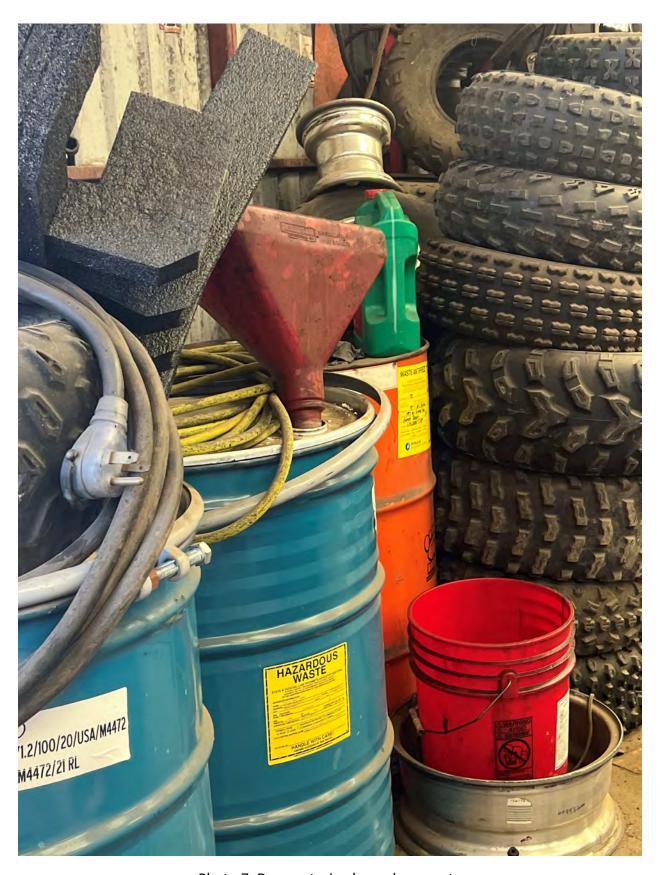


Photo 7: Drums storing hazardous waste



Photo 8: Oil staining on soil

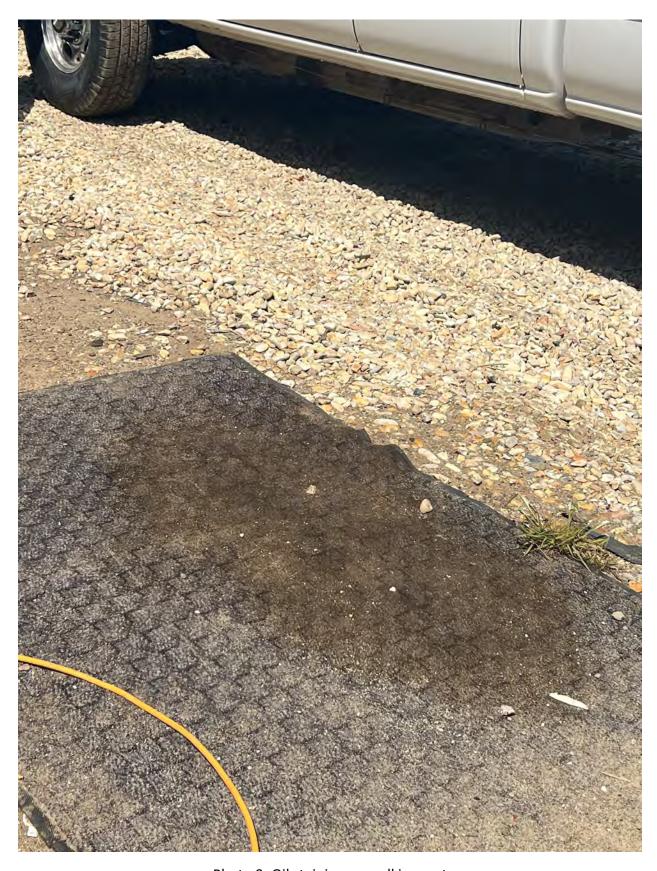


Photo 9: Oil staining on walking mat



Photo 10: Waste oil container



Photo 11: Tire and parts storage, oil staining on asphalt and soil



Photo 12: Exterior of warehouse, oil staining on soil

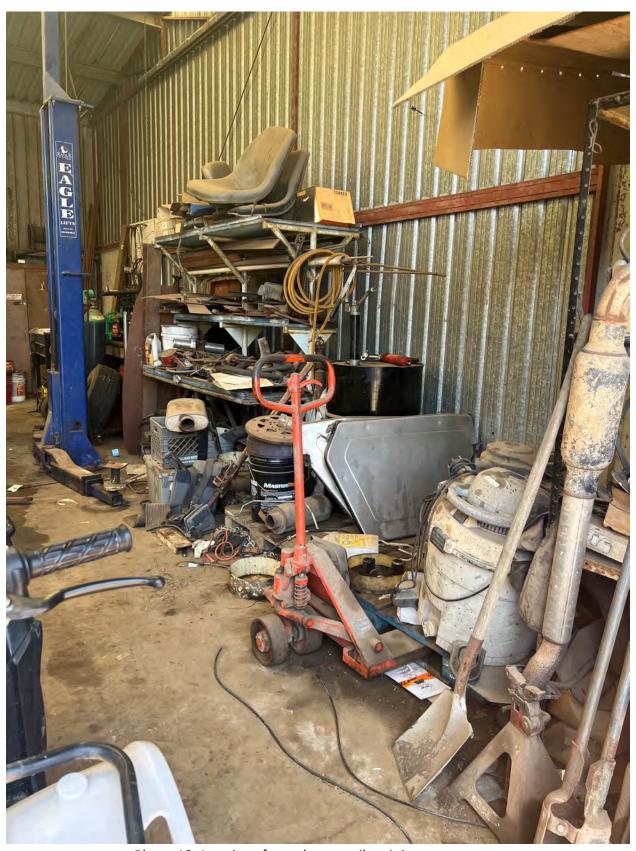


Photo 13: Interior of warehouse, oil staining on concrete



Photo 14: Outdoor ATV storage



Photo 15: Drainpipe observed discharging into unknown system

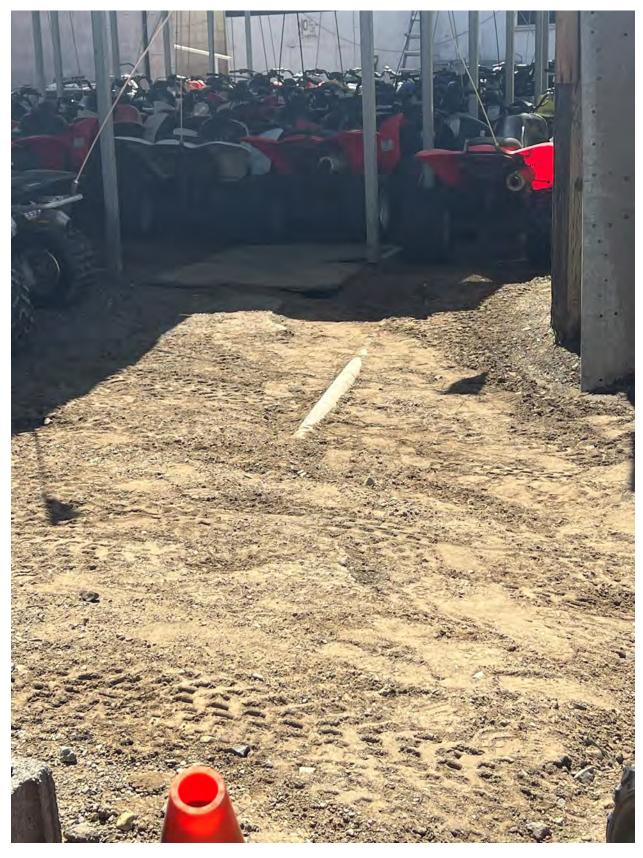


Photo 16: Drainpipe from photo 15 observed traversing under covered ATV storage



Photo 17: Outdoor ATV storage, Oil staining on soil



Photo 18: Fuel storage and pumping equipment on site

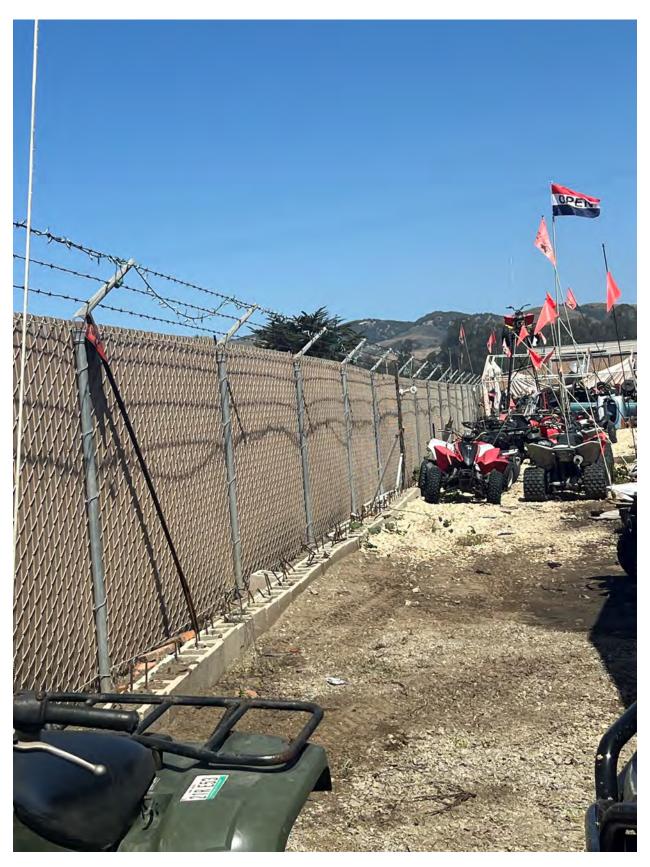


Photo 19: Outdoor ATV storage along western side of site, Oil staining on soil



Photo 20: Commercial retail building on southeast side of site



Photo 21: Railroad tracks running the length of the western boundary of the property



Photo 22: Oil staining between railroad tracks and parking lot



Photo 23: Oil staining between railroad tracks and parking lot



Limitations Appendix

ENVIRONMENTAL SITE ASSESSMENT LIMITATIONS OF REPORT

- 1. This report has been prepared on behalf of and for the exclusive use of the addressee, solely for use in an environmental assessment of the site. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of UES. Unless other contractual agreements were made, the services described in this report were carried out in accordance with the Terms for UES's Services which accompanied the proposal.
- 2. This site assessment was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and UES endeavored to observe that degree of care and skill ordinarily exercised by other consultants under similar circumstances and conditions. The findings and conclusions stated herein must be considered not as scientific certainties, but rather as professional opinions concerning the significance of the limited data gathered during the course of the environmental site assessment. UES does not and cannot represent that the site contains no hazardous waste or material, oil (including petroleum products), or other latent condition beyond that observed by UES during its site assessment.
- 3. The conclusions presented in the Report were based solely upon the services described therein, and not on scientific tasks or procedure beyond the scope of described services or the time and budgetary constraints imposed by Client. Furthermore, such conclusions are based solely on site condition, and rules and regulations, which were in effect at the time of the study.
- 4. In preparing this Report, UES has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to UES at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, an attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment was not made.
- 5. It is recommended that UES be retained to provide further services during construction and/or implementation of any remedial measures recommended in this report. This is to allow UES to observe compliance with the concepts and recommendations contained herein, and to allow the development of design changes in the event that subsurface conditions differ from those anticipated.
- 6. In the event that information is developed relative to environmental or hazardous waste or material issues at the site and not contained in this report, such information shall be brought to UES's attention. UES will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this Report.

- 7. Observations were made of the site and of structures on the site as indicated within the Report. Where access to portions of the site or to structures on the site was unavailable or limited, UES renders no opinion as to the presence of hazardous waste or material, oil or other petroleum products, or to the presence of indirect evidence relating to hazardous waste or material or oil, or other petroleum products in that portion of the site or structure. In addition, UES renders no opinion as to the presence of hazardous waste or material, oil or other petroleum products or to the presence of indirect evidence relating to hazardous material, oil, or petroleum products where direct observation of the interior walls, floor, roof, or ceiling of a structure on a site was obstructed by objects or coverings on or over these surfaces.
- 8. Unless otherwise specified in the Report, UES did not conduct an audit for regulatory compliance or perform testing or analyses to determine the presence of compliance with AULs, asbestos containing materials, radon, lead-based paint, lead in drinking water, mold, wetlands and other Waters of the U.S., regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, vapor intrusion potential, biological agents, indoor air quality, methane, formaldehyde, and high voltage power lines.
- 9. It is recommended that UES be retained to provide further services during construction and/or implementation of any remedial measures recommended in this report. This is to allow UES to observe compliance with the concepts and recommendations contained herein, and to allow the development of design changes in the event that subsurface conditions differ from those anticipated.