

May 18, 2022

Mr. Brandon Bank
SCG/DP MARKHAM ASSEMBLAGE, LLC
C/O Dedeaux Properties, LLC
100 Wilshire Boulevard, Suite 250
Santa Monica, California 90401

Subject: Shallow Soil Assessment
 Waste-oil AST at 945 West Markham Street
 945-995 West Markham Street
 Perris, California 92571
 Partner Project No. ES22-362701

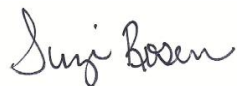
Dear Mr. Bank:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Shallow Soil Assessment* of the abovementioned address (the "subject property").

This assessment included a site reconnaissance, soil sampling and observations to assess if a release had occurred in the vicinity of the aboveground storage tank (AST) and waste-oil drum storage area identified on the subject property. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (949) 214-6470.

Sincerely,



Suzi Rosen, PG, CHG
Principal and Managing Director

Executive Summary

Partner Engineering and Science, Inc. (Partner) prepared a Phase I Environmental Site Assessment report (ESA) for the subject property on behalf of SCG/DP MARKHAM ASSEMBLAGE, LLC in April 2022. The Phase I ESA identified an above ground storage tank (AST) that is believed to have contained waste oil and a former waste-oil drum storage in the same vicinity of the subject property, as a Recognized Environmental Condition (REC).

Partner performed a Shallow Soil Assessment in the vicinity of the waste-oil drum storage area and AST, by collecting near-surface soil samples from 2.5 and five feet below ground surface (bgs) at four locations. Partner analyzed the soil samples for Carbon Chain Total Petroleum Hydrocarbons (TPH-cc), Volatile Organic Compounds (VOCs) and metals.

Laboratory analysis of the soil samples identified non-detectable concentrations VOCs and metals in the soil samples, as well as TPH (oil-range) and metals at concentrations below the soil screening levels. Based on the field observations of the area, detailed observation of soil and laboratory analysis results, Partner did not identify evidence of a release in the vicinity of the former drum storage area and current AST.

Consequently, no additional assessment of the subject property is recommended, and the REC identified in the Phase I Report should no longer be considered a REC.

Introduction

SCG/DP MARKHAM ASSEMBLAGE, LLC engaged Partner to conduct a Shallow Soils Assessment of the existing AST and former waste oil drum storage area on April 27, 2022. The subject property is located on the south side of West Markham Street within a mixed commercial and residential area. Please refer to Figure 1 showing the Site Location.

Property Description

The subject property is located on the south side of West Markham Street within a mixed commercial and residential area of Riverside County. Please refer to the table below for further description of the subject property:

Subject Property Data

Addresses:	945-995 West Markham Street, Perris, California
Property Use:	Residential/Commercial/Light/Industrial/Vacant
Land Acreage (Ac):	4.06 Ac (per, Riverside County Assessor's Office)
Number of Buildings:	Three (permanent buildings); Two (mobile offices); Four (semi-trailer storage structures)
Number of Floors:	Single-story
Date of Construction:	1953, 1976
Assessor's Parcel Number (APN):	314-170-009 (995 West Markham Street) 314-170-010 (945 West Markham Street)
Type of Construction:	Wood-Framed (Residences); Steel-framed (Metal Shop)
Current Tenants:	Advanced Iron Works & Residence (945 West Markham Street) Abandoned mobile home and steel storage building (995 West Markham Street)

Partner notes that the waste-oil AST may be associated with Advanced Iron Works at 945 West Markham or historical vehicle repairs and/or servicing that may have occurred at 995 West Markham. Please refer to Figure 2 for the Site Plan showing the specific location of the AST on 995 West Markham and Advanced Iron Works at 945 West Markham.

Site History

According to referenced historical aerial photographs, Partner identified numerous unlabeled 55-gallon metal drums stored to the north of the steel building at 945 West Markham. Additionally, these 55-gallon steel drums were identified in a 2011 Google Street View™ image. The appearance of the drums is indicative of former chemical storage, specifically motor oil. Partner notes that the subject property was not identified on any database which identifies hazardous substance use, hazardous waste generation, USTs, ASTs, releases, or violations. As such, based on the presence of the on-site waste oil AST, the condition of storage of the former 55-gallon drums and the lack of regulatory oversight, the historical drum storage may have resulted in sub-surface impacts and was considered to represent a REC in connection with the subject property.

Shallow Soils Assessment

Partner notified DigAlert 811 of the up-coming shallow soils assessment, and DigAlert subsequently issued Ticket B221190218-00B on April 29, 2022. Partner marked the boring locations with chalk and engaged Ground Penetrating Radar Services (GPRS) to locate underground utilities in the vicinity of the area and proposed boring locations. Four borings were cleared of utilities on the morning of May 10, 2022, in preparation for drilling and soil sampling, by GPRS.

Partner engaged M&R Drilling to operate the drill rig and collect soil samples at the four locations shown on Figure 3. Boring locations were selected to occur in the general vicinity of the AST, with BH1 and BH2 generally occurring to the east and north and BH3 and BH4 occurring to the west and north, respectively. Please refer to Table 1 for the scope of the Shallow Soils Assessment, including the total depth and sample interval from the drilling.

M&R Drilling used a truck mounted Geoprobe 6600 to conduct the drilling and sampling on May 10, 2022. As the drill tube was advance, Partner collected soil samples at approximately 2.5 feet and 5 feet bgs. Partner screened the soil samples with a Photoionization Device (PID), calibrated to Hexane at 100 parts per million (ppm). Please refer to the attached PID calibration sheet (Appendix A). Partner noted the PID readings from the soil samples, soil characteristics, classification, and type on the boring logs. Please refer to the attached Boring Logs (Appendix B) for the detailed observations and soil classification.

Partner prepared soil samples in glass containers; glass jars for metals and TPH, and VOAs, for VOC analysis. Partner recorded the sample identification on chain of custody (COC) and placed each sample in a chilled cooler. Partner transported the soil samples to Sunstar laboratories, Inc. (Sunstar) on the same day of collection, and submitted the soil samples for analysis, to their lab in Lake Forest, California. Sunstar issued the soil analysis results on May 11, 2022, with full laboratory analysis results and COC (Appendix C).

Two soil samples per boring (all samples collected) were analyzed by Sunstar for TPH-cc in accordance with Environmental Protection Agency (EPA) Method 8015M, for VOCs in accordance with EPA method 8260B and for metals in accordance with EPA Method 6010B.

Results and Findings

Partner notes that the soil samples from the four borings generally comprised well-graded sands, gravelly sands with little or no fines, to five feet bgs. All borings terminated in fill, with no readings greater than zero on the PID and no record of oil staining on the samples.

Concentrations of all analytes were less than the residential and commercial/industrial soil screening level and all laboratory analysis results were reported with limits that were less than those soil screening levels.

Laboratory analysis of the soil samples identified non-detectable concentrations in the soil samples, with the exception of TPH fractions in the oil-range and metals at low levels, below screening levels. Please refer to Table 1 for the Scope of Shallow Soils Assessment, Table 2 for the TPH Analysis Results, Table 3 for the VOCs Analysis Results and Table 4 for Metals Analysis Results.

Conclusions and Recommendations

Based on the field observations of the area, detailed observation of soil and laboratory analysis results, Partner did not identify evidence of a release in the vicinity of the former drum storage area and AST.

No additional assessment of the subject property is warranted, and the REC identified in the Phase I Report should no longer be considered a REC.

Closing

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (949) 214-6470.

Regards,



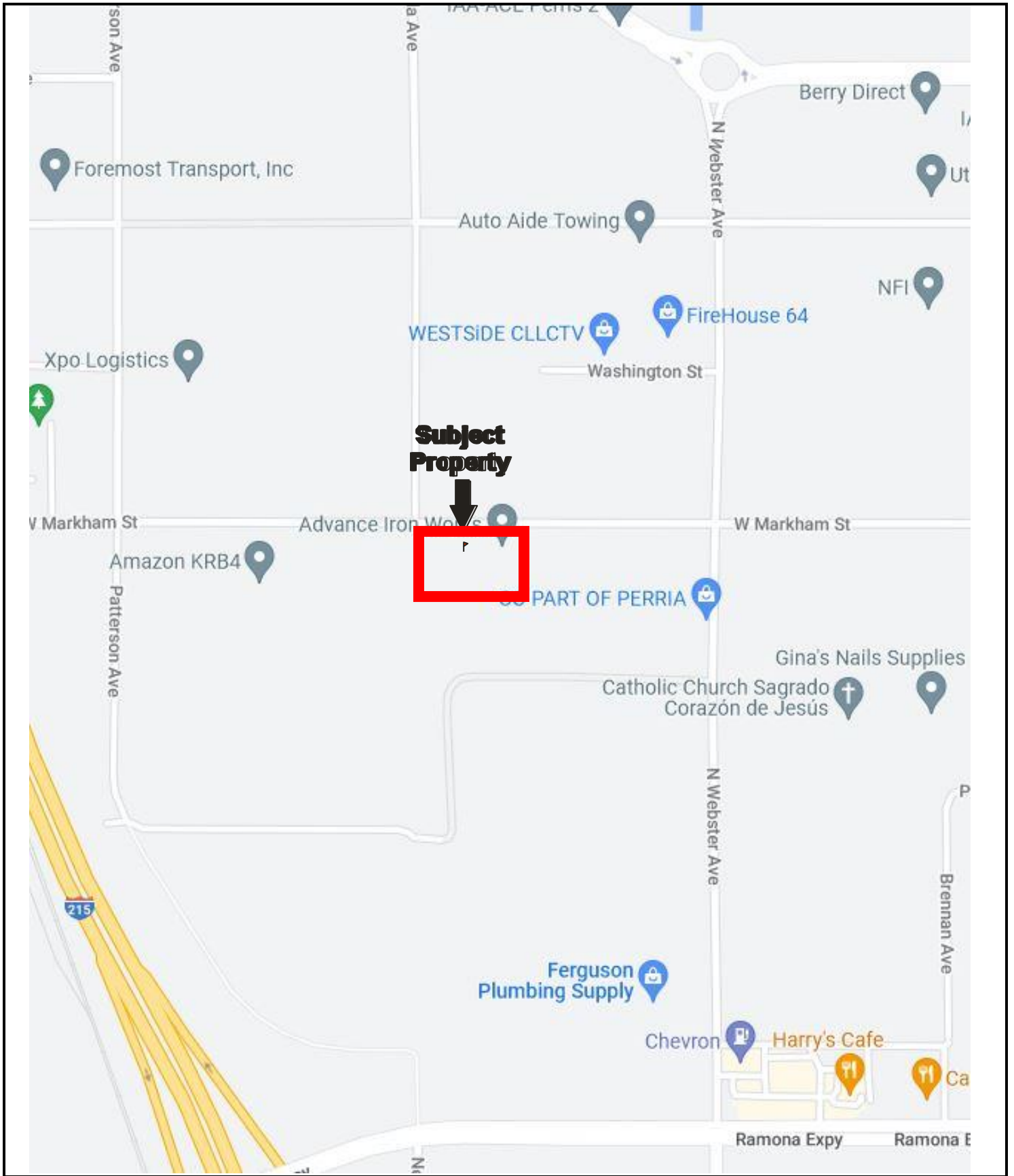
Rowan Trefz
Senior Project Manager



Suzi Rosen, PG, CHg
Principal and Managing Director

FIGURES

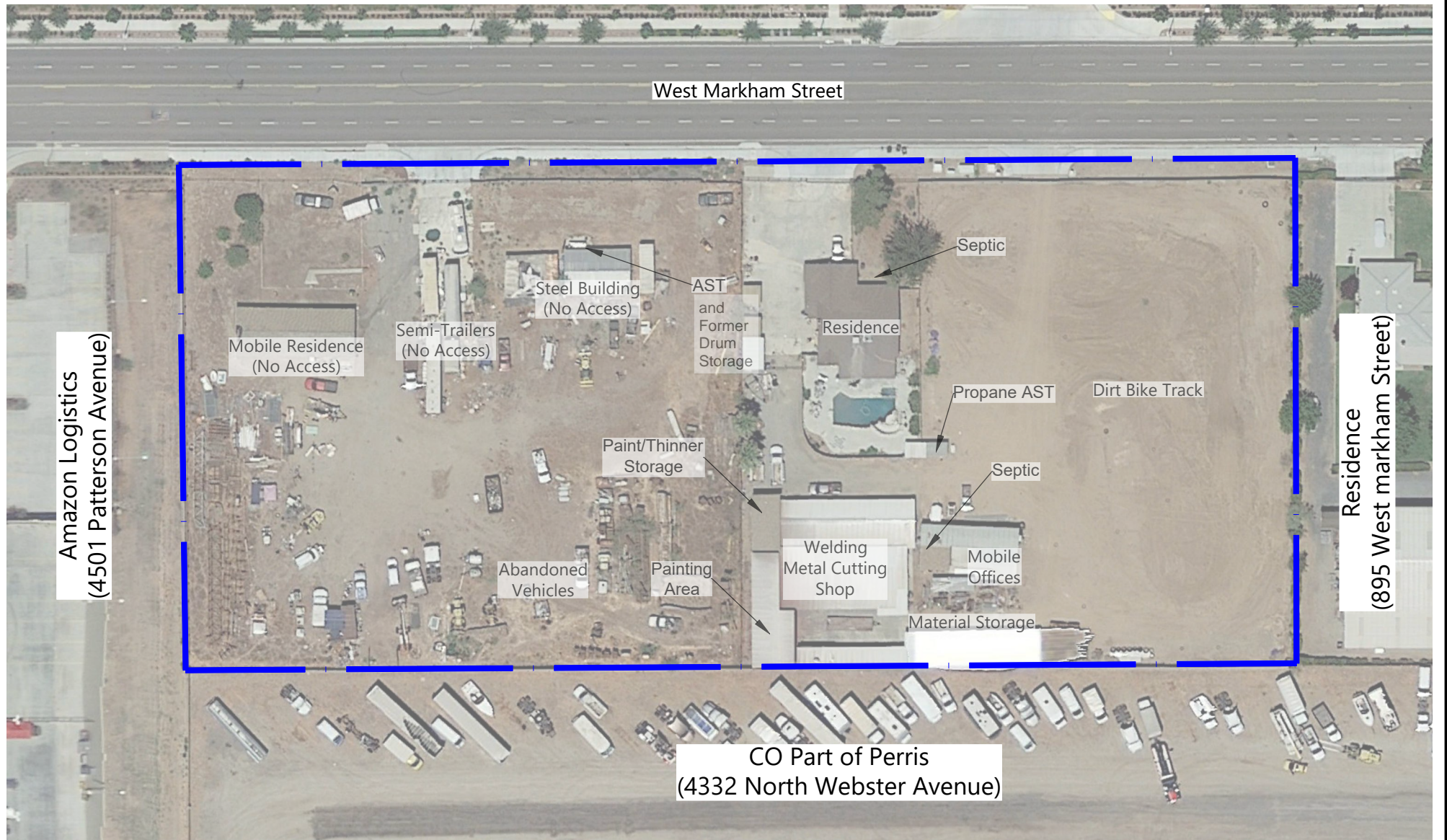
- 1 SITE LOCATION MAP**
- 2 SITE PLAN**
- 3 BORING LOCATIONS MAP**



Drawing Not To Scale

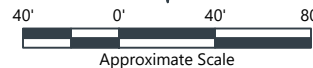
KEY:
Subject Property 

FIGURE 1: SITE LOCATION MAP
Project No. 22-362701.1



Legend and Notes:

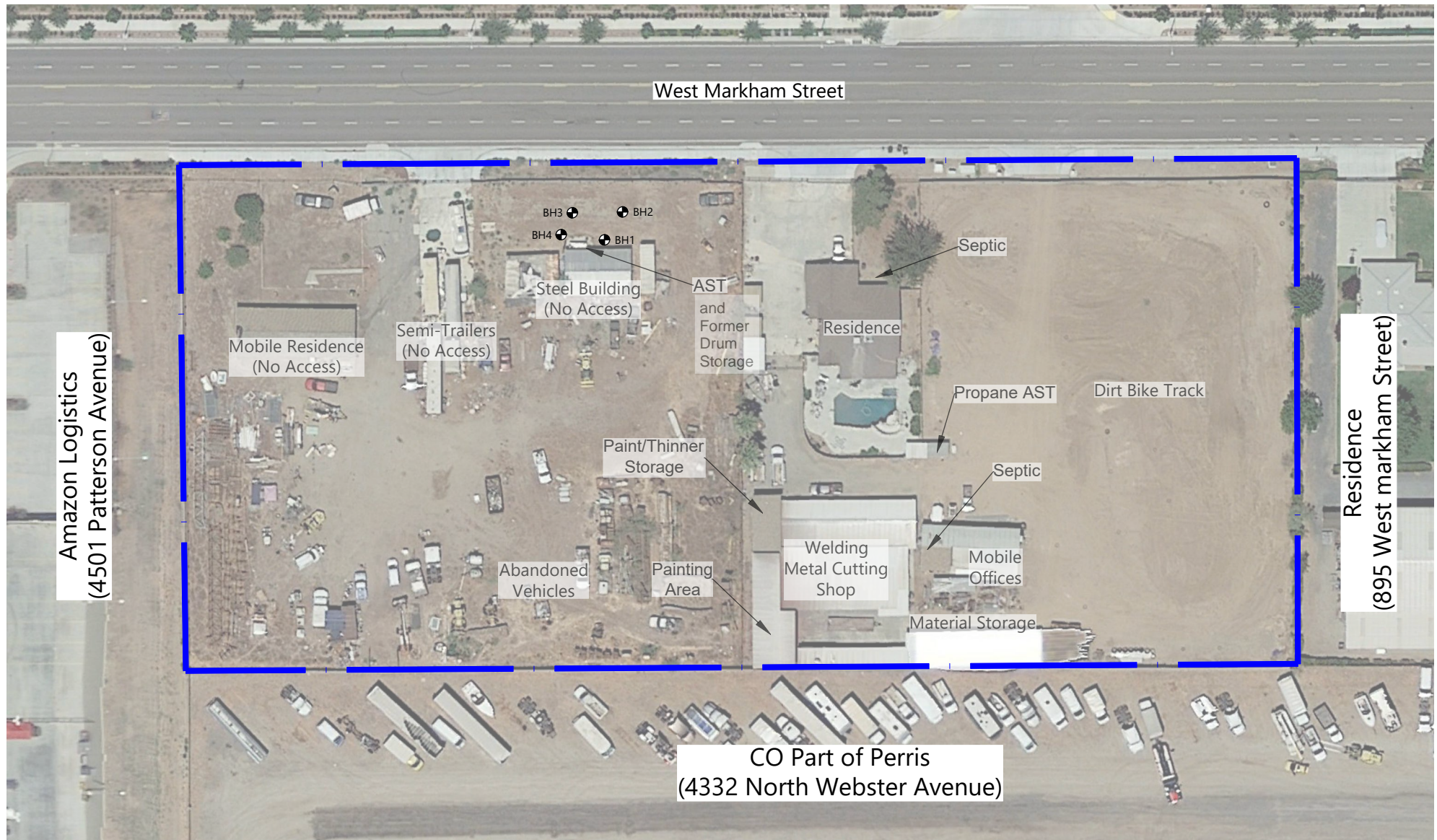
- Site Boundary
- AST = Aboveground Storage Tank



Site Plan			
Figure: 2	Prepared By: AS	Date: May 2022	Project Number: ES22-362701
Address: 945-995 West Markham Street Perris, California 92571			

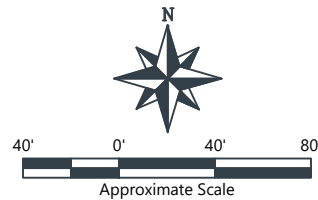
PARTNER

Engineering and Science, Inc.



Legend and Notes:

- ▬ Site Boundary
- Boring Location
- AST = Aboveground Storage Tank



Title: Boring Location Map			
Figure: 3	Prepared By: AS	Date: May 2022	Project Number: ES22-362701
Address: 945-995 West Markham Street Perris, California 92571			



TABLES

- 1 SCOPE OF WORK**
- 2 SOIL ANALYSIS RESULTS - TPH**
- 3 SOIL ANALYSIS RESULTS - VOCs**
- 4 SOIL ANALYSIS RESULTS - METALS**

Table 1: Summary of Investigation Scope
 995 West Markham St
 Perris, California 92571
 Partner Project Number ES22-362701
 May 2022

Boring Identification	Location	Matrix Sampled	Depth (feet bgs)	Analysis
Partner ESI Shallow Soils Assessment				
BH1	12.0' east of NE corner of AST concrete pad	Soil	2.5, 5	TPH, VOCs, Metals
BH2	21.0' north of NE corner of building	Soil	2.5, 5	TPH, VOCs, Metals
BH3	12.0' north of NW corner of AST concrete pad	Soil	2.5, 5	TPH, VOCs, Metals
BH4	4.0' northwest of NW corner of AST concrete pad	Soil	2.5, 5	TPH, VOCs, Metals

Notes:

bgs = below ground surface

Listed sample depths were analyzed for total petroleum hydrocarbons (TPH) in accordance with United States Environmental Protection Agency (EPA) Method 8015M, volatile organic compounds (VOCs) in accordance with EPA Method 8260B, and California Administrative Manual (CAM) 17 Title 22 metals in accordance with EPA Method 6010B/7471A.

Table 2: Soil Analysis Results - TPH
 995 West Markham St
 Perris, California 92571
 Partner Project Number ES22-362701
 May 2022

EPA Method			GRO via 8260B by 5035, TPH via 418.1 by 8015M (mg/kg)		
Sample Identification	Sample Depth (feet bgs)	Date Sampled	GRO	DRO	MORO
Maximum SSLs			500	1,000	10,000*
BH1-2.5'	2.5	5/10/2022	ND	ND	ND
BH1-5.0'	5	5/10/2022	ND	ND	ND
BH2-2.5'	2.5	5/10/2022	ND	ND	11.0
BH2-5.0'	5	5/10/2022	ND	ND	ND
BH3-2.5'	2.5	5/10/2022	ND	ND	26.0
BH3-5.0'	5	5/10/2022	ND	ND	ND
BH4-2.5'	2.5	5/10/2022	ND	ND	17.0
BH4-5.0'	5	5/10/2022	ND	ND	ND

Notes:

Analysis for GRO performed in accordance with EPA Method 8260B; DRO/MORO via EPA Method 8015M

EPA = Environmental Protection Agency

TPH = total petroleum hydrocarbons

GRO = gasoline range organics (total petroleum hydrocarbons as gasoline)

DRO = diesel range organics (total petroleum hydrocarbons as diesel)

MORO = motor oil range organics (total petroleum hydrocarbons as oil)

mg/kg = milligrams per kilogram

bgs = below ground surface

SSLs = soil screening levels (Los Angeles Regional Water Quality Control Board - April 27, 2004) for impacted soil between 20-150 above groundwater

Blue highlighted concentrations exceed maximum soil screening levels (SSLs)

* Not stated, but assumed conservative screening level based on its proportionate relation to GRO

Values in bold exceed laboratory Reporting Limits (RLs)

ND = not detected above laboratory RLs

Table 3: Soil Analysis Results - VOCs
 995 West Markham St
 Perris, California 92571
 Partner Project Number ES22-362701
 May 2022

EPA Method			VOCs via 8260B by 5035 (µg/kg)												
Sample Identification	Sample Depth (feet bgs)	Date Sampled	Benzene	Ethylbenzene	Naphthalene	Toluene	m,p-xylenes	o-xylenes	MTB	ETB	Ethanol	tert-amamy/methylether	MBK	Di-isopropylether	tert-Butylalcohol
Residential Soil ESL			330	5,800	2,000	1,100,000	55,000	65,000	47,000	130,000	NE	NE	NE	NE	1,400,000
Commercial/Industrial Soil ESL			1,400	25,000	6,500	5,300,000	240,000	280,000	210,000	560,000	NE	NE	NE	NE	6,500,000
MCL Equivalent			1	300	NE	150	1,750	1,750	NE	NE	NE	NE	NE	NE	NE
BH1-2.5'	2.5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH1-5.0'	5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH2-2.5'	2.5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH2-5.0'	5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH3-2.5'	2.5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH3-5.0'	5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH4-2.5'	2.5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH4-5.0'	5	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Analysis for VOCs performed in accordance with EPA Method 8260B

EPA = Environmental Protection Agency

VOCs = volatile organic compounds

µg/kg = micrograms per kilogram

bgs = below ground surface

RSL = June 2020 Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Regional Screening Levels. If DTSC RSLs were unavailable, May 2021 EPA RSLs were utilized.

MCL = Maximum Contaminant Level

NE = not established

 Yellow highlighted concentrations exceed Residential Soil RSL.

 Orange highlighted concentrations exceed Commercial/Industrial Soil RSL.

Values in bold exceed laboratory Reporting Limits (RLs)

ND = not detected above laboratory RLs

Table 4: Soil Analysis Results - Metals
995 West Markham St
Perris, California 92571
Partner Project Number ES22-362701
May 2022

EPA Method			California Administrative Manual (CAM) 17 Title 22 Metals via EPA Methods 6010B/7471A (mg/kg)																	
Sample Identification	Sample Depth (feet bgs)	Date Sampled	Silver (Ag)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Cobalt (Co)	Chromium (Cr)	Copper (Cu)	Molybdenum (Mo)	Nickel (Ni)	Lead (Pb)	Antimony (Sb)	Selenium (Se)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	Boron (B)	Mercury* (Hg)
Residential Soil RSL			39	0.11	1,500	1,600	910	420	NE	310	39	15,000	80	3.1	39	0.078	39	2,300	NE	1.0
Commercial/Industrial Soil RSL			580	0.36	22,000	6,900	4,000	1900	NE	47,000	580	64,000	320	47	580	1.2	580	35,000	NE	4.4
Background Concentrations ^(A)			0-2.23	12 ^(B)	299-719	0.76-1.8	0.05-0.67	5.7-24.1	0-345	9.4-48	0-2.8	0-137	10.1-37.7	0.21-0.99	0-0.142	0.37-0.75	59-165	117-181	NA	0.05-0.47
BH1-2.5'	2.5	5/10/2022	ND	ND	91.0	ND	ND	6.50	8.20	6.30	ND	4.20	3.40	ND	ND	ND	24.0	23.0	ND	ND
BH1-5.0'	5	5/10/2022	ND	ND	130	ND	ND	8.50	11.0	7.30	ND	5.30	ND	ND	ND	ND	37.0	30.0	ND	ND
BH2-2.5'	2.5	5/10/2022	ND	ND	96.0	ND	ND	5.80	8.00	7.20	ND	3.60	21.0	ND	ND	ND	28.0	38.0	ND	ND
BH2-5.0'	5	5/10/2022	ND	ND	110	ND	ND	7.90	10.0	6.80	ND	4.60	ND	ND	ND	ND	30.0	25.0	ND	ND
BH3-2.5'	2.5	5/10/2022	ND	ND	160	ND	ND	7.40	29.0	8.30	ND	4.20	17.0	ND	ND	ND	49.0	46.0	ND	ND
BH3-5.0'	5	5/10/2022	ND	ND	120	ND	ND	7.70	10.0	7.10	ND	5.30	ND	ND	ND	ND	31.0	26.0	ND	ND
BH4-2.5'	2.5	5/10/2022	ND	ND	130	ND	ND	7.50	16.0	6.20	ND	3.90	12.0	ND	ND	ND	36.0	36.0	ND	ND
BH4-5.0'	5	5/10/2022	ND	ND	140	ND	ND	8.60	11.0	7.50	ND	5.40	ND	ND	ND	ND	36.0	30.0	ND	ND

Notes:

Analysis for metals was performed in accordance with EPA Method 6010B, except where noted

*Mercury analysis was performed in accordance with EPA Method via Cold Vapor Extraction

EPA = Environmental Protection Agency

mg/kg = milligram per kilogram

bgs = below ground surface

RSL = June 2020 Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Regional Screening Levels. If DTSC RSLs were unavailable, May 2021 EPA RSLs were utilized.

^A From Kearney Foundation of Soil Science March 1996 report "Background Concentrations of Trace and Major Elements in California Soils." Background concentrations of metals are considered to be within one standard deviation from the mean metal concentrations determined by the study.

^B From Department of Toxic Substances Control (DTSC) March 2008 report "Determination of a Southern California Regional Background Arsenic Concentration in Soil."

Yellow highlighted concentrations exceed Residential Soil RSL.

Orange highlighted concentrations exceed Commercial/Industrial Soil RSL.

NE = not established

Values in bold exceed laboratory Reporting Limits (RLs)

ND = not detected above laboratory RLs

APPENDIX A: INSTRUMENT CALIBRATION RECORD



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11397 Slater Ave.
Fountain Valley, CA 92708
Toll-free: 888-620-7463

Pine Environmental Services, Inc.

Instrument ID 39945
Description RAE MiniRAE 3000
Calibrated 5/9/2022 3:10:45PM

Manufacturer Rae Systems **State Certified**
Model Number PGM7320 **Status** Pass
Serial Number/ Lot Number 592-920849 **Temp °C** 22.5
Location California **Humidity %** 47
Department

Calibration Specifications

Group # 1	Range Acc % 0.0000						
Group Name VOC	Reading Acc % 3.0000						
Stated Accy Pct of Reading	Plus/Minus 0.0						
Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.0 / 100.0	PPM	100.0	PPM	100.0	100.0	0.00%	Pass

Test Instruments Used During the Calibration

						<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date/ Opened Date</u>	<u>Next Cal Date / Expiration Date</u>	
CA HEXANE 100PPM	CA HEXANE 100PPM (304-402019373-1) 34L	Pine Environmental Services, Inc.	31671	304-402019373 -1		2/1/2025	

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Andrew Bettencourt

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

APPENDIX B: BORING LOGS

BORING LOG

BORING: BH1

TOTAL DEPTH: 5 ft

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: Markham Perris Soil Sampling JOB NO.: ES22-362701 LOCATION: -12ft E of NE corner of AGT Concrete PAD. SITE ADDRESS: 945-995 West Markham St Perris CA92571 LOGGED BY: Anthony Bottecchia REVIEWED BY:	DATES DRILLED: May 10, 2022 DEPTH TO GROUNDWATER: ✓ DRILLER: M&R Drilling RIG TYPE: TRUCK MOUNTED Geo Probe 6600 METHOD OF DRILLING: Direct Push Pneu Take SAMPLING METHODS: Terra Core Sampler & Acetate Liner BORING DIAMETER: 3.0" 3.25"

DEPTH	SAMPLE	PID (ppm)	BLOW COUNT	SOIL TYPE	USCS	SOIL TYPE	BORING COMPLETION	DESCRIPTION
0	HA-L-2.5 @ 0935	0.0	✓		SW	Extensive fine med grain trace gravel + trace silts Dry Brown (E-11)		
5	HA-L-5.0 @ 0945	0.0	✓		SW	Extensive fine/med grain trace gravel with silts moist Brown (E-11)		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> BH TERMINATED AT 5'0 </div>								
10								
15								
20								
25								

NOTES: AGT PAD 8' x 10 8' AGT 10'

BORING LOG

BORING: **BH 2**

TOTAL DEPTH: 5 ft

PARTNER
Engineering and Science, Inc.

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: Markham Perris Soil Sampling

JOB NO.: ES22-362701

LOCATION: **214 N of NE corner of Blvd.**

SITE ADDRESS: 945-995 West Markham St

Perris CA92571

LOGGED BY: Anthony Bottecchia

REVIEWED BY:

DATES DRILLED: May 10, 2022

DEPTH TO GROUNDWATER: ✓

DRILLER: M&R Drilling

RIG TYPE: **TRUCK MOUNTED GEO PROBE 6600**

METHOD OF DRILLING: **Direct Push Dual Tube**

SAMPLING METHODS: Terra Core Sampler, & acetate liners

BORING DIAMETER: **3.25"**

DEPTH	SAMPLE	PID (ppm)	BLOW COUNT	SOIL TYPE	USCS	SOIL TYPE	BORING COMPLETION	DESCRIPTION
-------	--------	-----------	------------	-----------	------	-----------	-------------------	-------------

0	HA-2-7/5 @ 0915	0.0	✓			SW		SAND fine/med grain trace gravel trace silts dry Br. (Fill)
5	HA-2-5/0 @ 0925	0.0	✓			SW		SAND fine/med grain trace gravel trace with silts moist Brown (Fill)
BH TERMINATED AT 5.0								
10								
15								
20								
25								

NOTES:

BORING LOG

BORING: **BH-3**

TOTAL DEPTH: 5 ft

PARTNER

Engineering and Science, Inc.

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

PROJECT INFORMATION

PROJECT: Markham Perris Soil Sampling

JOB NO.: ES22-362701

LOCATION:

12 ft N of ASI Concrete Pad

SITE ADDRESS: 945-995 West Markham St

Perris CA92571

LOGGED BY: Anthony Bottecchia

REVIEWED BY:

DRILLING INFORMATION

DATES DRILLED: May 10, 2022

DEPTH TO GROUNDWATER: ✓

DRILLER: M&R Drilling

RIG TYPE: **TRUCK MOUNTED GEOPHONE 6600**

METHOD OF DRILLING: **Direct Push, Dual Tube**

SAMPLING METHODS: Terra Core Sampler, Acetate liner

BORING DIAMETER: **3.25"**

DEPTH	SAMPLE	PID (ppm)	BLOW COUNT	SOIL TYPE	USCS	SOIL TYPE	BORING COMPLETION	DESCRIPTION
0	HA-3-2.5' @ 0830	0.0	✓			SW		SAND fine med grain with trace Si Dry Brown (Fill)
5	HA-3-5.0' @ 0840	0.0	✓			SW		SAND fine med grain to gravel + trace silts (Fill)
10								
15								
20								
25								

BH TERMINATED AT 5'

NOTES:

BORING LOG

BORING: **BH#4**

TOTAL DEPTH: 5 ft

PARTNER

Engineering and Science, Inc.

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: Markham Perris Soil Sampling JOB NO.: ES22-362701 LOCATION: Perris CA - 4ft NW of AST Concrete Pad SITE ADDRESS: 945-995 West Markham St Perris CA 92571 LOGGED BY: Anthony Bottecchia REVIEWED BY:	DATES DRILLED: May 10, 2022 DEPTH TO GROUNDWATER: ✓ DRILLER: M&R Drilling RIG TYPE: <i>Truck mounted Geoprobe 6600</i> METHOD OF DRILLING: <i>Direct Push Drill Tube</i> SAMPLING METHODS: Terra Core Sampler, Acetate Linear BORING DIAMETER: <i>3.25"</i>

DEPTH	SAMPLE	PID (ppm)	BLOW COUNT	SOIL TYPE	USCS	SOIL TYPE	BORING COMPLETION	DESCRIPTION
-------	--------	-----------	------------	-----------	------	-----------	-------------------	-------------

0	<i>HA-4.25 @ 0855</i>	<i>0.0</i>	<i>✓</i>		<i>SW</i>	<i>SAND fine med grain trace gravel trace silts dry Brown (fill)</i>		
5	<i>HA-4.5.0 @ 0900</i>	<i>0.0</i>	<i>✓</i>		<i>SW</i>	<i>SAND fine med grain trace gravel with silts moist Brown (fill)</i>		
						<i>PA Terminated at 5.0</i>		
10								
15								
20								
25								

NOTES:

APPENDIX C: LABORATORY ANALYSIS REPORT



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
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11 May 2022

Rowan Trefz
Partner Engineering & Science, Inc.--Tor
2154 Torrance Blvd., Suite 200
Torrance, CA 90501
RE: Perris Markham St.

Enclosed are the results of analyses for samples received by the laboratory on 05/10/22 12:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joann Marroquin
Director of Operations



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

Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH1-2.5'	T221365-01	Soil	05/10/22 09:35	05/10/22 12:10
BH1-5.0'	T221365-02	Soil	05/10/22 09:45	05/10/22 12:10
BH2-2.5'	T221365-03	Soil	05/10/22 09:15	05/10/22 12:10
BH2-5.0'	T221365-04	Soil	05/10/22 09:25	05/10/22 12:10
BH3-2.5'	T221365-05	Soil	05/10/22 08:30	05/10/22 12:10
BH3-5.0'	T221365-06	Soil	05/10/22 08:40	05/10/22 12:10
BH4-2.5'	T221365-07	Soil	05/10/22 08:55	05/10/22 12:10
BH4-5.0'	T221365-08	Soil	05/10/22 09:00	05/10/22 12:10

SunStar Laboratories, Inc.

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Joann Marroquin, Director of Operations

Partner Engineering & Science, Inc.--Tor
2154 Torrance Blvd., Suite 200
Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

DETECTIONS SUMMARY

Sample ID: BH1-2.5'

Laboratory ID: T221365-01

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Barium	91	1.0	mg/kg	EPA 6010b	
Chromium	8.2	2.0	mg/kg	EPA 6010b	
Cobalt	6.5	2.0	mg/kg	EPA 6010b	
Copper	6.3	1.0	mg/kg	EPA 6010b	
Lead	3.4	3.0	mg/kg	EPA 6010b	
Nickel	4.2	2.0	mg/kg	EPA 6010b	
Vanadium	24	5.0	mg/kg	EPA 6010b	
Zinc	23	1.0	mg/kg	EPA 6010b	

Sample ID: BH1-5.0'

Laboratory ID: T221365-02

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Barium	130	1.0	mg/kg	EPA 6010b	
Chromium	11	2.0	mg/kg	EPA 6010b	
Cobalt	8.5	2.0	mg/kg	EPA 6010b	
Copper	7.3	1.0	mg/kg	EPA 6010b	
Nickel	5.3	2.0	mg/kg	EPA 6010b	
Vanadium	37	5.0	mg/kg	EPA 6010b	
Zinc	30	1.0	mg/kg	EPA 6010b	

Sample ID: BH2-2.5'

Laboratory ID: T221365-03

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
C29-C40 (MORO)	11	10	mg/kg	EPA 8015B	D-06
Barium	96	1.0	mg/kg	EPA 6010b	
Chromium	8.0	2.0	mg/kg	EPA 6010b	
Cobalt	5.8	2.0	mg/kg	EPA 6010b	
Copper	7.2	1.0	mg/kg	EPA 6010b	
Lead	21	3.0	mg/kg	EPA 6010b	
Nickel	3.6	2.0	mg/kg	EPA 6010b	
Vanadium	24	5.0	mg/kg	EPA 6010b	

SunStar Laboratories, Inc.



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Partner Engineering & Science, Inc.--Tor
2154 Torrance Blvd., Suite 200
Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

Sample ID: BH2-2.5' **Laboratory ID:** T221365-03

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Zinc	38	1.0		mg/kg	EPA 6010b	

Sample ID: BH2-5.0' **Laboratory ID:** T221365-04

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	110	1.0		mg/kg	EPA 6010b	
Chromium	10	2.0		mg/kg	EPA 6010b	
Cobalt	7.9	2.0		mg/kg	EPA 6010b	
Copper	6.8	1.0		mg/kg	EPA 6010b	
Nickel	4.6	2.0		mg/kg	EPA 6010b	
Vanadium	30	5.0		mg/kg	EPA 6010b	
Zinc	25	1.0		mg/kg	EPA 6010b	

Sample ID: BH3-2.5' **Laboratory ID:** T221365-05

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
C29-C40 (MORO)	26	10		mg/kg	EPA 8015B	D-06
Barium	160	1.0		mg/kg	EPA 6010b	
Chromium	29	2.0		mg/kg	EPA 6010b	
Cobalt	7.4	2.0		mg/kg	EPA 6010b	
Copper	8.3	1.0		mg/kg	EPA 6010b	
Lead	17	3.0		mg/kg	EPA 6010b	
Nickel	4.2	2.0		mg/kg	EPA 6010b	
Vanadium	49	5.0		mg/kg	EPA 6010b	
Zinc	46	1.0		mg/kg	EPA 6010b	

Sample ID: BH3-5.0' **Laboratory ID:** T221365-06

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	120	1.0		mg/kg	EPA 6010b	
Chromium	10	2.0		mg/kg	EPA 6010b	
Cobalt	7.7	2.0		mg/kg	EPA 6010b	
Copper	7.1	1.0		mg/kg	EPA 6010b	
Nickel	5.3	2.0		mg/kg	EPA 6010b	

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Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

Sample ID: BH3-5.0'

Laboratory ID: T221365-06

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Vanadium	31	5.0		mg/kg	EPA 6010b	
Zinc	26	1.0		mg/kg	EPA 6010b	

Sample ID: BH4-2.5'

Laboratory ID: T221365-07

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
C29-C40 (MORO)	17	10		mg/kg	EPA 8015B	D-06
Barium	130	1.0		mg/kg	EPA 6010b	
Chromium	16	2.0		mg/kg	EPA 6010b	
Cobalt	7.5	2.0		mg/kg	EPA 6010b	
Copper	6.2	1.0		mg/kg	EPA 6010b	
Lead	12	3.0		mg/kg	EPA 6010b	
Nickel	3.9	2.0		mg/kg	EPA 6010b	
Vanadium	36	5.0		mg/kg	EPA 6010b	
Zinc	36	1.0		mg/kg	EPA 6010b	

Sample ID: BH4-5.0'

Laboratory ID: T221365-08

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	140	1.0		mg/kg	EPA 6010b	
Chromium	11	2.0		mg/kg	EPA 6010b	
Cobalt	8.6	2.0		mg/kg	EPA 6010b	
Copper	7.5	1.0		mg/kg	EPA 6010b	
Nickel	5.4	2.0		mg/kg	EPA 6010b	
Vanadium	36	5.0		mg/kg	EPA 6010b	
Zinc	30	1.0		mg/kg	EPA 6010b	

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Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

BH1-2.5'
T221365-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	D-06
Surrogate: <i>p</i> -Terphenyl		88.7 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	91	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	05/11/22	"	
Cadmium	ND	2.0	"	"	"	"	05/11/22	"	
Chromium	8.2	2.0	"	"	"	"	"	"	
Cobalt	6.5	2.0	"	"	"	"	"	"	
Copper	6.3	1.0	"	"	"	"	"	"	
Lead	3.4	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	4.2	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	24	5.0	"	"	"	"	"	"	
Zinc	23	1.0	"	"	"	"	"	"	
Boron	ND	5.0	"	"	"	"	05/11/22	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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 Lake Forest, California 92630
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Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH1-2.5'
T221365-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0025	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0025	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0025	"	"	"	"	"	"	
Bromoform	ND	0.0025	"	"	"	"	"	"	
Bromomethane	ND	0.0025	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0025	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0025	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0025	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0025	"	"	"	"	"	"	
Chlorobenzene	ND	0.0025	"	"	"	"	"	"	
Chloroethane	ND	0.0025	"	"	"	"	"	"	
Chloroform	ND	0.0025	"	"	"	"	"	"	
Chloromethane	ND	0.0025	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0025	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0025	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0025	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0025	"	"	"	"	"	"	
Dibromomethane	ND	0.0025	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0025	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0025	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0025	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0025	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0025	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0025	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0025	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0025	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0025	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0025	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0025	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0025	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH1-2.5'
T221365-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0025	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0025	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0025	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0025	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0025	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0025	"	"	"	"	"	"	
Methylene chloride	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.0025	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0025	"	"	"	"	"	"	
Styrene	ND	0.0025	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0025	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0025	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0025	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0025	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0025	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0025	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0025	"	"	"	"	"	"	
Trichloroethene	ND	0.0025	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0025	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0025	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0025	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0025	"	"	"	"	"	"	
Vinyl chloride	ND	0.0025	"	"	"	"	"	"	
Benzene	ND	0.0025	"	"	"	"	"	"	
Toluene	ND	0.0025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0025	"	"	"	"	"	"	
m,p-Xylene	ND	0.0050	"	"	"	"	"	"	
o-Xylene	ND	0.0025	"	"	"	"	"	"	
Acetone	ND	0.0025	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0050	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0050	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
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BH1-2.5'
T221365-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0025	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Surrogate: Toluene-d8		99.0 %	76.1-127		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	85.9-114		"	"	"	"	
Surrogate: Dibromofluoromethane		95.2 %	77.8-142		"	"	"	"	

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BH1-5.0'
T221365-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl		93.3 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	05/11/22	"	
Arsenic	ND	5.0	"	"	"	"	05/11/22	"	
Barium	130	1.0	"	"	"	"	05/11/22	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	05/11/22	"	
Chromium	11	2.0	"	"	"	"	05/11/22	"	
Cobalt	8.5	2.0	"	"	"	"	05/11/22	"	
Copper	7.3	1.0	"	"	"	"	05/11/22	"	
Lead	ND	3.0	"	"	"	"	05/11/22	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	5.3	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	05/11/22	"	
Vanadium	37	5.0	"	"	"	"	"	"	
Zinc	30	1.0	"	"	"	"	"	"	
Boron	ND	5.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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Joann Marroquin, Director of Operations

Partner Engineering & Science, Inc.--Tor
2154 Torrance Blvd., Suite 200
Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

BH1-5.0'
T221365-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0018	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0018	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0018	"	"	"	"	"	"	
Bromoform	ND	0.0018	"	"	"	"	"	"	
Bromomethane	ND	0.0018	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0018	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0018	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0018	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0018	"	"	"	"	"	"	
Chlorobenzene	ND	0.0018	"	"	"	"	"	"	
Chloroethane	ND	0.0018	"	"	"	"	"	"	
Chloroform	ND	0.0018	"	"	"	"	"	"	
Chloromethane	ND	0.0018	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0018	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0018	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0018	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0036	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0018	"	"	"	"	"	"	
Dibromomethane	ND	0.0018	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0018	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0018	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0018	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0018	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0018	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0018	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0018	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0018	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0018	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0018	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0018	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0018	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH1-5.0'
T221365-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0018	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0018	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0018	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0018	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0018	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0018	"	"	"	"	"	"	
Methylene chloride	ND	0.0072	"	"	"	"	"	"	
Naphthalene	ND	0.0018	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0018	"	"	"	"	"	"	
Styrene	ND	0.0018	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0018	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0018	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0018	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0018	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0018	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0018	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0018	"	"	"	"	"	"	
Trichloroethene	ND	0.0018	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0018	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0018	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0018	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0018	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	"	"	"	"	"	"	
Benzene	ND	0.0018	"	"	"	"	"	"	
Toluene	ND	0.0018	"	"	"	"	"	"	
Ethylbenzene	ND	0.0018	"	"	"	"	"	"	
m,p-Xylene	ND	0.0036	"	"	"	"	"	"	
o-Xylene	ND	0.0018	"	"	"	"	"	"	
Acetone	ND	0.0018	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0036	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0036	"	"	"	"	"	"	

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BH1-5.0'
T221365-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0018	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Surrogate: Toluene-d8		97.1 %	76.1-127		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	85.9-114		"	"	"	"	
Surrogate: Dibromofluoromethane		96.0 %	77.8-142		"	"	"	"	

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Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH2-2.5'
T221365-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	11	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		90.6 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	96	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	8.0	2.0	"	"	"	"	"	"	
Cobalt	5.8	2.0	"	"	"	"	"	"	
Copper	7.2	1.0	"	"	"	"	"	"	
Lead	21	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	3.6	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	24	5.0	"	"	"	"	"	"	
Zinc	38	1.0	"	"	"	"	"	"	
Boron	ND	5.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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BH2-2.5'
T221365-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0021	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0021	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0021	"	"	"	"	"	"	
Bromoform	ND	0.0021	"	"	"	"	"	"	
Bromomethane	ND	0.0021	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0021	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0021	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0021	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0021	"	"	"	"	"	"	
Chlorobenzene	ND	0.0021	"	"	"	"	"	"	
Chloroethane	ND	0.0021	"	"	"	"	"	"	
Chloroform	ND	0.0021	"	"	"	"	"	"	
Chloromethane	ND	0.0021	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0021	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0021	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0021	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0043	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0021	"	"	"	"	"	"	
Dibromomethane	ND	0.0021	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0021	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0021	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0021	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0021	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0021	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0021	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0021	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0021	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0021	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0021	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0021	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0021	"	"	"	"	"	"	

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Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH2-2.5'
T221365-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0021	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0021	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0021	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0021	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0021	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0021	"	"	"	"	"	"	
Methylene chloride	ND	0.0085	"	"	"	"	"	"	
Naphthalene	ND	0.0021	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0021	"	"	"	"	"	"	
Styrene	ND	0.0021	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0021	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0021	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0021	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0021	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0021	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0021	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0021	"	"	"	"	"	"	
Trichloroethene	ND	0.0021	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0021	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0021	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0021	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0021	"	"	"	"	"	"	
Vinyl chloride	ND	0.0021	"	"	"	"	"	"	
Benzene	ND	0.0021	"	"	"	"	"	"	
Toluene	ND	0.0021	"	"	"	"	"	"	
Ethylbenzene	ND	0.0021	"	"	"	"	"	"	
m,p-Xylene	ND	0.0043	"	"	"	"	"	"	
o-Xylene	ND	0.0021	"	"	"	"	"	"	
Acetone	ND	0.0021	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0043	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0043	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
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BH2-2.5'
T221365-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0021	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Surrogate: Toluene-d8		96.6 %		76.1-127	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		85.9-114	"	"	"	"	
Surrogate: Dibromofluoromethane		96.3 %		77.8-142	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
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BH2-5.0'
T221365-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	D-06
Surrogate: <i>p</i> -Terphenyl		87.8 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	110	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	05/11/22	"	
Cadmium	ND	2.0	"	"	"	"	05/11/22	"	
Chromium	10	2.0	"	"	"	"	"	"	
Cobalt	7.9	2.0	"	"	"	"	"	"	
Copper	6.8	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	4.6	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	30	5.0	"	"	"	"	"	"	
Zinc	25	1.0	"	"	"	"	"	"	
Boron	ND	5.0	"	"	"	"	05/11/22	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH2-5.0'
T221365-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0022	"	"	"	"	"	"	"
Bromodichloromethane	ND	0.0022	"	"	"	"	"	"	"
Bromoform	ND	0.0022	"	"	"	"	"	"	"
Bromomethane	ND	0.0022	"	"	"	"	"	"	"
n-Butylbenzene	ND	0.0022	"	"	"	"	"	"	"
sec-Butylbenzene	ND	0.0022	"	"	"	"	"	"	"
tert-Butylbenzene	ND	0.0022	"	"	"	"	"	"	"
Carbon tetrachloride	ND	0.0022	"	"	"	"	"	"	"
Chlorobenzene	ND	0.0022	"	"	"	"	"	"	"
Chloroethane	ND	0.0022	"	"	"	"	"	"	"
Chloroform	ND	0.0022	"	"	"	"	"	"	"
Chloromethane	ND	0.0022	"	"	"	"	"	"	"
2-Chlorotoluene	ND	0.0022	"	"	"	"	"	"	"
4-Chlorotoluene	ND	0.0022	"	"	"	"	"	"	"
Dibromochloromethane	ND	0.0022	"	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.0045	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.0022	"	"	"	"	"	"	"
Dibromomethane	ND	0.0022	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.0022	"	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.0022	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.0022	"	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.0022	"	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.0022	"	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.0022	"	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.0022	"	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.0022	"	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.0022	"	"	"	"	"	"	"

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Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

BH2-5.0'
T221365-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0022	"	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.0022	"	"	"	"	"	"	"
Hexachlorobutadiene	ND	0.0022	"	"	"	"	"	"	"
Isopropylbenzene	ND	0.0022	"	"	"	"	"	"	"
p-Isopropyltoluene	ND	0.0022	"	"	"	"	"	"	"
Methylene chloride	ND	0.0089	"	"	"	"	"	"	"
Naphthalene	ND	0.0022	"	"	"	"	"	"	"
n-Propylbenzene	ND	0.0022	"	"	"	"	"	"	"
Styrene	ND	0.0022	"	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	0.0022	"	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	0.0022	"	"	"	"	"	"	"
Tetrachloroethene	ND	0.0022	"	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.0022	"	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.0022	"	"	"	"	"	"	"
Trichloroethene	ND	0.0022	"	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.0022	"	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	0.0022	"	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	0.0022	"	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	0.0022	"	"	"	"	"	"	"
Vinyl chloride	ND	0.0022	"	"	"	"	"	"	"
Benzene	ND	0.0022	"	"	"	"	"	"	"
Toluene	ND	0.0022	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0022	"	"	"	"	"	"	"
m,p-Xylene	ND	0.0045	"	"	"	"	"	"	"
o-Xylene	ND	0.0022	"	"	"	"	"	"	"
Acetone	ND	0.0022	"	"	"	"	"	"	"
Methyl ethyl ketone	ND	0.0045	"	"	"	"	"	"	"
Methyl isobutyl ketone	ND	0.0045	"	"	"	"	"	"	"

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
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BH2-5.0'
T221365-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Surrogate: Toluene-d8		98.6 %	76.1-127		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	85.9-114		"	"	"	"	
Surrogate: Dibromofluoromethane		93.7 %	77.8-142		"	"	"	"	

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BH3-2.5'
T221365-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	26	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		93.0 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	160	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	05/11/22	"	
Cadmium	ND	2.0	"	"	"	"	05/11/22	"	
Chromium	29	2.0	"	"	"	"	"	"	
Cobalt	7.4	2.0	"	"	"	"	"	"	
Copper	8.3	1.0	"	"	"	"	"	"	
Lead	17	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	4.2	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	49	5.0	"	"	"	"	"	"	
Zinc	46	1.0	"	"	"	"	"	"	
Boron	ND	5.0	"	"	"	"	05/11/22	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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Partner Engineering & Science, Inc.--Tor
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 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH3-2.5'
T221365-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0022	"	"	"	"	"	"	"
Bromodichloromethane	ND	0.0022	"	"	"	"	"	"	"
Bromoform	ND	0.0022	"	"	"	"	"	"	"
Bromomethane	ND	0.0022	"	"	"	"	"	"	"
n-Butylbenzene	ND	0.0022	"	"	"	"	"	"	"
sec-Butylbenzene	ND	0.0022	"	"	"	"	"	"	"
tert-Butylbenzene	ND	0.0022	"	"	"	"	"	"	"
Carbon tetrachloride	ND	0.0022	"	"	"	"	"	"	"
Chlorobenzene	ND	0.0022	"	"	"	"	"	"	"
Chloroethane	ND	0.0022	"	"	"	"	"	"	"
Chloroform	ND	0.0022	"	"	"	"	"	"	"
Chloromethane	ND	0.0022	"	"	"	"	"	"	"
2-Chlorotoluene	ND	0.0022	"	"	"	"	"	"	"
4-Chlorotoluene	ND	0.0022	"	"	"	"	"	"	"
Dibromochloromethane	ND	0.0022	"	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.0043	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.0022	"	"	"	"	"	"	"
Dibromomethane	ND	0.0022	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.0022	"	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.0022	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.0022	"	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.0022	"	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.0022	"	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.0022	"	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.0022	"	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.0022	"	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.0022	"	"	"	"	"	"	"

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Partner Engineering & Science, Inc.--Tor
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Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

BH3-2.5'
T221365-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0022	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0022	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0022	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0022	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0022	"	"	"	"	"	"	
Methylene chloride	ND	0.0087	"	"	"	"	"	"	
Naphthalene	ND	0.0022	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0022	"	"	"	"	"	"	
Styrene	ND	0.0022	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0022	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0022	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0022	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0022	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0022	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0022	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0022	"	"	"	"	"	"	
Trichloroethene	ND	0.0022	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0022	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0022	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0022	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0022	"	"	"	"	"	"	
Vinyl chloride	ND	0.0022	"	"	"	"	"	"	
Benzene	ND	0.0022	"	"	"	"	"	"	
Toluene	ND	0.0022	"	"	"	"	"	"	
Ethylbenzene	ND	0.0022	"	"	"	"	"	"	
m,p-Xylene	ND	0.0043	"	"	"	"	"	"	
o-Xylene	ND	0.0022	"	"	"	"	"	"	
Acetone	ND	0.0022	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0043	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0043	"	"	"	"	"	"	

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BH3-2.5'
T221365-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Surrogate: Toluene-d8		96.6 %	76.1-127		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	85.9-114		"	"	"	"	
Surrogate: Dibromofluoromethane		97.4 %	77.8-142		"	"	"	"	

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BH3-5.0'
T221365-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	D-06
Surrogate: <i>p</i> -Terphenyl		92.8 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	05/11/22	"	
Arsenic	ND	5.0	"	"	"	"	05/11/22	"	
Barium	120	1.0	"	"	"	"	05/11/22	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	05/11/22	"	
Chromium	10	2.0	"	"	"	"	05/11/22	"	
Cobalt	7.7	2.0	"	"	"	"	05/11/22	"	
Copper	7.1	1.0	"	"	"	"	05/11/22	"	
Lead	ND	3.0	"	"	"	"	05/11/22	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	5.3	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	05/11/22	"	
Vanadium	31	5.0	"	"	"	"	"	"	
Zinc	26	1.0	"	"	"	"	"	"	
Boron	ND	5.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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BH3-5.0'
T221365-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0020	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0020	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0020	"	"	"	"	"	"	
Bromoform	ND	0.0020	"	"	"	"	"	"	
Bromomethane	ND	0.0020	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0020	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0020	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0020	"	"	"	"	"	"	
Chlorobenzene	ND	0.0020	"	"	"	"	"	"	
Chloroethane	ND	0.0020	"	"	"	"	"	"	
Chloroform	ND	0.0020	"	"	"	"	"	"	
Chloromethane	ND	0.0020	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0020	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0020	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0020	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0039	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0020	"	"	"	"	"	"	
Dibromomethane	ND	0.0020	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0020	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0020	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0020	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0020	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0020	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0020	"	"	"	"	"	"	

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 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH3-5.0'
T221365-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0020	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0020	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0020	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0020	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0020	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0020	"	"	"	"	"	"	
Methylene chloride	ND	0.0078	"	"	"	"	"	"	
Naphthalene	ND	0.0020	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0020	"	"	"	"	"	"	
Styrene	ND	0.0020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0020	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0020	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0020	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0020	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0020	"	"	"	"	"	"	
Trichloroethene	ND	0.0020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0020	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0020	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0020	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0020	"	"	"	"	"	"	
Vinyl chloride	ND	0.0020	"	"	"	"	"	"	
Benzene	ND	0.0020	"	"	"	"	"	"	
Toluene	ND	0.0020	"	"	"	"	"	"	
Ethylbenzene	ND	0.0020	"	"	"	"	"	"	
m,p-Xylene	ND	0.0039	"	"	"	"	"	"	
o-Xylene	ND	0.0020	"	"	"	"	"	"	
Acetone	ND	0.0020	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0039	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0039	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
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BH3-5.0'
T221365-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0020	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Surrogate: Toluene-d8		98.2 %	76.1-127		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	85.9-114		"	"	"	"	
Surrogate: Dibromofluoromethane		92.2 %	77.8-142		"	"	"	"	

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Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH4-2.5'
T221365-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	17	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		<i>80.8 %</i>	<i>65-135</i>		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	130	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	16	2.0	"	"	"	"	"	"	
Cobalt	7.5	2.0	"	"	"	"	"	"	
Copper	6.2	1.0	"	"	"	"	"	"	
Lead	12	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	3.9	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	36	5.0	"	"	"	"	"	"	
Zinc	36	1.0	"	"	"	"	"	"	
Boron	ND	5.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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Partner Engineering & Science, Inc.--Tor
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 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH4-2.5'
T221365-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0022	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0022	"	"	"	"	"	"	
Bromoform	ND	0.0022	"	"	"	"	"	"	
Bromomethane	ND	0.0022	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0022	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0022	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0022	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0022	"	"	"	"	"	"	
Chlorobenzene	ND	0.0022	"	"	"	"	"	"	
Chloroethane	ND	0.0022	"	"	"	"	"	"	
Chloroform	ND	0.0022	"	"	"	"	"	"	
Chloromethane	ND	0.0022	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0022	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0022	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0022	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0044	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0022	"	"	"	"	"	"	
Dibromomethane	ND	0.0022	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0022	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0022	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0022	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0022	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0022	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0022	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0022	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0022	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0022	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0022	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor
2154 Torrance Blvd., Suite 200
Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

BH4-2.5'
T221365-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0022	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0022	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0022	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0022	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0022	"	"	"	"	"	"	
Methylene chloride	ND	0.0087	"	"	"	"	"	"	
Naphthalene	ND	0.0022	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0022	"	"	"	"	"	"	
Styrene	ND	0.0022	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0022	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0022	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0022	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0022	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0022	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0022	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0022	"	"	"	"	"	"	
Trichloroethene	ND	0.0022	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0022	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0022	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0022	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0022	"	"	"	"	"	"	
Vinyl chloride	ND	0.0022	"	"	"	"	"	"	
Benzene	ND	0.0022	"	"	"	"	"	"	
Toluene	ND	0.0022	"	"	"	"	"	"	
Ethylbenzene	ND	0.0022	"	"	"	"	"	"	
m,p-Xylene	ND	0.0044	"	"	"	"	"	"	
o-Xylene	ND	0.0022	"	"	"	"	"	"	
Acetone	ND	0.0022	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0044	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0044	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
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BH4-2.5'
T221365-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0022	mg/kg	1	22E0149	05/10/22	05/10/22	EPA 8260B/5035	
Surrogate: Toluene-d8		96.3 %	76.1-127		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	85.9-114		"	"	"	"	
Surrogate: Dibromofluoromethane		98.6 %	77.8-142		"	"	"	"	

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Partner Engineering & Science, Inc.--Tor
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Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

BH4-5.0'
T221365-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	22E0118	05/10/22	05/11/22	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl		84.1 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	3.0	mg/kg	1	22E0129	05/10/22	05/11/22	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	140	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	05/11/22	"	
Cadmium	ND	2.0	"	"	"	"	05/11/22	"	
Chromium	11	2.0	"	"	"	"	"	"	
Cobalt	8.6	2.0	"	"	"	"	"	"	
Copper	7.5	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	5.4	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	36	5.0	"	"	"	"	"	"	
Zinc	30	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	22E0128	05/10/22	05/11/22	EPA 7471A Soil	
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BH4-5.0'
T221365-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0021	mg/kg	1	22E0149	05/10/22	05/11/22	EPA 8260B/5035	
Bromochloromethane	ND	0.0021	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0021	"	"	"	"	"	"	
Bromoform	ND	0.0021	"	"	"	"	"	"	
Bromomethane	ND	0.0021	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0021	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0021	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0021	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0021	"	"	"	"	"	"	
Chlorobenzene	ND	0.0021	"	"	"	"	"	"	
Chloroethane	ND	0.0021	"	"	"	"	"	"	
Chloroform	ND	0.0021	"	"	"	"	"	"	
Chloromethane	ND	0.0021	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0021	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0021	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0021	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0041	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0021	"	"	"	"	"	"	
Dibromomethane	ND	0.0021	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0021	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0021	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0021	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0021	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0021	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0021	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0021	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0021	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0021	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0021	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0021	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0021	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--Tor
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Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

BH4-5.0'
T221365-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0021	mg/kg	1	22E0149	05/10/22	05/11/22	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	0.0021	"	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.0021	"	"	"	"	"	"	"
Hexachlorobutadiene	ND	0.0021	"	"	"	"	"	"	"
Isopropylbenzene	ND	0.0021	"	"	"	"	"	"	"
p-Isopropyltoluene	ND	0.0021	"	"	"	"	"	"	"
Methylene chloride	ND	0.0083	"	"	"	"	"	"	"
Naphthalene	ND	0.0021	"	"	"	"	"	"	"
n-Propylbenzene	ND	0.0021	"	"	"	"	"	"	"
Styrene	ND	0.0021	"	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	0.0021	"	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	0.0021	"	"	"	"	"	"	"
Tetrachloroethene	ND	0.0021	"	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	0.0021	"	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	0.0021	"	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.0021	"	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.0021	"	"	"	"	"	"	"
Trichloroethene	ND	0.0021	"	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.0021	"	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	0.0021	"	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	0.0021	"	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	0.0021	"	"	"	"	"	"	"
Vinyl chloride	ND	0.0021	"	"	"	"	"	"	"
Benzene	ND	0.0021	"	"	"	"	"	"	"
Toluene	ND	0.0021	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0021	"	"	"	"	"	"	"
m,p-Xylene	ND	0.0041	"	"	"	"	"	"	"
o-Xylene	ND	0.0021	"	"	"	"	"	"	"
Acetone	ND	0.0021	"	"	"	"	"	"	"
Methyl ethyl ketone	ND	0.0041	"	"	"	"	"	"	"
Methyl isobutyl ketone	ND	0.0041	"	"	"	"	"	"	"

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--	--	-----------------------------

BH4-5.0'
T221365-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0021	mg/kg	1	22E0149	05/10/22	05/11/22	EPA 8260B/5035	
Surrogate: Toluene-d8		98.3 %	76.1-127		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	85.9-114		"	"	"	"	
Surrogate: Dibromofluoromethane		96.0 %	77.8-142		"	"	"	"	

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Partner Engineering & Science, Inc.--Tor
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Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

Extractable Petroleum Hydrocarbons by 8015B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 22E0118 - EPA 3550B GC

Blank (22E0118-BLK1)

Prepared: 05/10/22 Analyzed: 05/11/22

C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: <i>p</i> -Terphenyl	93.6		"	100		93.6	65-135			

LCS (22E0118-BS1)

Prepared: 05/10/22 Analyzed: 05/11/22

C13-C28 (DRO)	430	10	mg/kg	500		86.4	75-125			
Surrogate: <i>p</i> -Terphenyl	94.9		"	100		94.9	65-135			

LCS Dup (22E0118-BSD1)

Prepared: 05/10/22 Analyzed: 05/11/22

C13-C28 (DRO)	470	10	mg/kg	500		93.5	75-125	7.91	20	
Surrogate: <i>p</i> -Terphenyl	95.3		"	100		95.3	65-135			

SunStar Laboratories, Inc.

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Joann Marroquin, Director of Operations



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

Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 22E0129 - EPA 3050B

Blank (22E0129-BLK1)

Prepared: 05/10/22 Analyzed: 05/11/22

Antimony	ND	3.0	mg/kg							
Silver	ND	2.0	"							
Arsenic	ND	5.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	5.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Thallium	ND	5.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							
Boron	ND	5.0	"							

LCS (22E0129-BS1)

Prepared: 05/10/22 Analyzed: 05/11/22

Arsenic	98.3	5.0	mg/kg	100		98.3	75-125			
Barium	95.5	1.0	"	100		95.5	75-125			
Cadmium	96.1	2.0	"	100		96.1	75-125			
Chromium	95.5	2.0	"	100		95.5	75-125			
Lead	97.4	3.0	"	100		97.4	75-125			

Matrix Spike (22E0129-MS1)

Source: T221364-01

Prepared: 05/10/22 Analyzed: 05/11/22

Arsenic	72.7	5.0	mg/kg	100	ND	72.7	75-125			QM-05
Barium	160	1.0	"	100	106	53.7	75-125			QM-05
Cadmium	69.7	2.0	"	100	0.467	69.2	75-125			QM-05
Chromium	79.8	2.0	"	100	12.6	67.2	75-125			QM-05
Lead	144	3.0	"	100	10.1	134	75-125			QM-05

SunStar Laboratories, Inc.

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
--	--	-----------------------------

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 22E0129 - EPA 3050B

Matrix Spike Dup (22E0129-MSD1)

Source: T221364-01

Prepared: 05/10/22 Analyzed: 05/11/22

Arsenic	77.6	5.0	mg/kg	100	ND	77.6	75-125	6.46	20	
Barium	169	1.0	"	100	106	62.5	75-125	5.39	20	QM-05
Cadmium	71.6	2.0	"	100	0.467	71.2	75-125	2.81	20	QM-05
Chromium	82.8	2.0	"	100	12.6	70.2	75-125	3.73	20	QM-05
Lead	83.2	3.0	"	100	10.1	73.1	75-125	53.3	20	QM-05

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Partner Engineering & Science, Inc.--Tor 2154 Torrance Blvd., Suite 200 Torrance CA, 90501	Project: Perris Markham St. Project Number: ES22-362701 Project Manager: Rowan Trefz	Reported: 05/11/22 17:24
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Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 22E0128 - EPA 7471A Soil

Blank (22E0128-BLK1)		Prepared: 05/10/22 Analyzed: 05/11/22								
Mercury	ND	0.10	mg/kg							
LCS (22E0128-BS1)		Prepared: 05/10/22 Analyzed: 05/11/22								
Mercury	0.317	0.10	mg/kg	0.385		82.4	80-120			
Matrix Spike (22E0128-MS1)		Source: T221364-01		Prepared: 05/10/22 Analyzed: 05/11/22						
Mercury	0.373	0.10	mg/kg	0.385	ND	96.9	75-125			
Matrix Spike Dup (22E0128-MSD1)		Source: T221364-01		Prepared: 05/10/22 Analyzed: 05/11/22						
Mercury	0.369	0.10	mg/kg	0.385	ND	95.9	75-125	1.02	20	

SunStar Laboratories, Inc.

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Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 22E0149 - EPA 5035 GCMS

Blank (22E0149-BLK1)

Prepared & Analyzed: 05/10/22

Bromobenzene	ND	0.0025	mg/kg							
Bromochloromethane	ND	0.0025	"							
Bromodichloromethane	ND	0.0025	"							
Bromoform	ND	0.0025	"							
Bromomethane	ND	0.0025	"							
n-Butylbenzene	ND	0.0025	"							
sec-Butylbenzene	ND	0.0025	"							
tert-Butylbenzene	ND	0.0025	"							
Carbon tetrachloride	ND	0.0025	"							
Chlorobenzene	ND	0.0025	"							
Chloroethane	ND	0.0025	"							
Chloroform	ND	0.0025	"							
Chloromethane	ND	0.0025	"							
2-Chlorotoluene	ND	0.0025	"							
4-Chlorotoluene	ND	0.0025	"							
Dibromochloromethane	ND	0.0025	"							
1,2-Dibromo-3-chloropropane	ND	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.0025	"							
Dibromomethane	ND	0.0025	"							
1,2-Dichlorobenzene	ND	0.0025	"							
1,3-Dichlorobenzene	ND	0.0025	"							
1,4-Dichlorobenzene	ND	0.0025	"							
Dichlorodifluoromethane	ND	0.0025	"							
1,1-Dichloroethane	ND	0.0025	"							
1,2-Dichloroethane	ND	0.0025	"							
1,1-Dichloroethene	ND	0.0025	"							
cis-1,2-Dichloroethene	ND	0.0025	"							
trans-1,2-Dichloroethene	ND	0.0025	"							
1,2-Dichloropropane	ND	0.0025	"							
1,3-Dichloropropane	ND	0.0025	"							
2,2-Dichloropropane	ND	0.0025	"							
1,1-Dichloropropene	ND	0.0025	"							
cis-1,3-Dichloropropene	ND	0.0025	"							
trans-1,3-Dichloropropene	ND	0.0025	"							
Hexachlorobutadiene	ND	0.0025	"							
Isopropylbenzene	ND	0.0025	"							

SunStar Laboratories, Inc.

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Partner Engineering & Science, Inc.--Tor
 2154 Torrance Blvd., Suite 200
 Torrance CA, 90501

Project: Perris Markham St.
 Project Number: ES22-362701
 Project Manager: Rowan Trefz

Reported:
 05/11/22 17:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 22E0149 - EPA 5035 GCMS

Blank (22E0149-BLK1)

Prepared & Analyzed: 05/10/22

p-Isopropyltoluene	ND	0.0025	mg/kg							
Methylene chloride	ND	0.010	"							
Naphthalene	ND	0.0025	"							
n-Propylbenzene	ND	0.0025	"							
Styrene	ND	0.0025	"							
1,1,2,2-Tetrachloroethane	ND	0.0025	"							
1,1,1,2-Tetrachloroethane	ND	0.0025	"							
Tetrachloroethene	ND	0.0025	"							
1,2,3-Trichlorobenzene	ND	0.0025	"							
1,2,4-Trichlorobenzene	ND	0.0025	"							
1,1,2-Trichloroethane	ND	0.0025	"							
1,1,1-Trichloroethane	ND	0.0025	"							
Trichloroethene	ND	0.0025	"							
Trichlorofluoromethane	ND	0.0025	"							
1,2,3-Trichloropropane	ND	0.0025	"							
1,3,5-Trimethylbenzene	ND	0.0025	"							
1,2,4-Trimethylbenzene	ND	0.0025	"							
Vinyl chloride	ND	0.0025	"							
Benzene	ND	0.0025	"							
Toluene	ND	0.0025	"							
Ethylbenzene	ND	0.0025	"							
m,p-Xylene	ND	0.0050	"							
o-Xylene	ND	0.0025	"							
Acetone	ND	0.0025	"							
Methyl ethyl ketone	ND	0.0050	"							
Methyl isobutyl ketone	ND	0.0050	"							
2-Hexanone (MBK)	ND	0.0025	"							
Surrogate: Toluene-d8	0.0493		"	0.0500		98.7	76.1-127			
Surrogate: 4-Bromofluorobenzene	0.0518		"	0.0500		104	85.9-114			
Surrogate: Dibromofluoromethane	0.0440		"	0.0500		87.9	77.8-142			

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Partner Engineering & Science, Inc.--Tor
2154 Torrance Blvd., Suite 200
Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 22E0149 - EPA 5035 GCMS

LCS (22E0149-BS1)

Prepared & Analyzed: 05/10/22

Chlorobenzene	0.0569	0.0025	mg/kg	0.0500		114	79.1-117			
1,1-Dichloroethene	0.0608	0.0025	"	0.0500		122	68-126			
Trichloroethene	0.0617	0.0025	"	0.0500		123	80.6-119			QM-12
Benzene	0.0565	0.0025	"	0.0500		113	79.1-117			
Toluene	0.0566	0.0025	"	0.0500		113	79.5-118			
Surrogate: Toluene-d8	0.0501		"	0.0500		100	76.1-127			
Surrogate: 4-Bromofluorobenzene	0.0495		"	0.0500		98.9	85.9-114			
Surrogate: Dibromofluoromethane	0.0460		"	0.0500		91.9	77.8-142			

LCS Dup (22E0149-BS1)

Prepared & Analyzed: 05/10/22

Chlorobenzene	0.0553	0.0025	mg/kg	0.0500		111	79.1-117	2.90	20	
1,1-Dichloroethene	0.0579	0.0025	"	0.0500		116	68-126	4.89	20	
Trichloroethene	0.0590	0.0025	"	0.0500		118	80.6-119	4.52	20	
Benzene	0.0542	0.0025	"	0.0500		108	79.1-117	4.12	20	
Toluene	0.0549	0.0025	"	0.0500		110	79.5-118	3.10	20	
Surrogate: Toluene-d8	0.0503		"	0.0500		101	76.1-127			
Surrogate: 4-Bromofluorobenzene	0.0494		"	0.0500		98.9	85.9-114			
Surrogate: Dibromofluoromethane	0.0453		"	0.0500		90.6	77.8-142			

SunStar Laboratories, Inc.



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Joann Marroquin, Director of Operations

Partner Engineering & Science, Inc.--Tor
2154 Torrance Blvd., Suite 200
Torrance CA, 90501

Project: Perris Markham St.
Project Number: ES22-362701
Project Manager: Rowan Trefz

Reported:
05/11/22 17:24

Notes and Definitions

- QM-12 The % recovery for this analyte was above acceptance criteria in the LCS and/or LCSD. The MB and sample(s) were ND for the analyte. The CCV(s) was within acceptance criteria. No negative impact on data is expected.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
- D-06 The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

SunStar Laboratories, Inc.



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Joann Marroquin, Director of Operations

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Chain of Custody Record

Client: Partner ESI
Address: 2154 Torrance Blvd. Torrance CA
Phone: (714) 972-9039 Fax: _____
Project Manager: Rowan Iretz
Riretz@partneresi.com

Date: May 10 2022 Page: 1 Of 1
Project Name: Perris MARKHAM ST
Collector: A. Bottechia Client Project #: ES22-362701
Batch #: T221365 EDF #: _____

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260 B (VOCs)	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	Comments/Preservative	Total # of containers	
01	BH-1-2.5	5/10/22	0935	SOIL	4oz No#	X							X	X				4
02	BH-1-5.0		0945			X							X	X				
03	BH-2-2.5		0915			X							X	X				
04	BH-2-5.0		0925			X							X	X				
05	BH-3-2.5		0830			X							X	X				
06	BH-3-5.0		0840			X							X	X				
07	BH-4-2.5		0855			X							X	X				
08	BH-4-5.0		0900			X							X	X				

Relinquished by: (signature) <u>A. Bottechia</u>	Date / Time <u>5/10/22 12:00p</u>	Received by: (signature) <u>J. W...</u>	Date / Time <u>5-10-22 12:10</u>
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers 32
Chain of Custody seals Y/N/NA NA
Seals intact? Y/N/NA NA
Received good condition/cold 12.72
Turn around time: 24 hr TR
NEXT DAY

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

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T221365

Client Name: Partner Project: Perris Markham St.

Delivered by: Client SunStar Courier GLS FedEx UPS

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

Lab Received by: Marvin Date/Time Lab Received: 5-10-22 12:10

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 8/24/22

Temperature: Cooler #1	19.6 °C +/- the CF (+0.1 °C) =	19.7 °C	corrected temperature
Temperature: Cooler #2	°C +/- the CF (+0.1 °C) =		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+0.1 °C) =		°C corrected temperature
Temperature criteria = ≤ 6°C (no frozen containers)		Within criteria?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If NO:			
Samples received on ice?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No →	Complete Non-Conformance Sheet
If on ice, samples received same day collected?	<input checked="" type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> No →	Complete Non-Conformance Sheet

Custody seals intact on cooler/sample Yes No* N/A

Sample containers intact Yes No*

Sample labels match Chain of Custody IDs Yes No*

Total number of containers received match COC Yes No*

Proper containers received for analyses requested on COC Yes No*

Proper preservative indicated on COC/containers for analyses requested Yes No* N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times Yes No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: TB 5-10-22

Comments:

WORK ORDER

T221365

Client: Partner Engineering & Science, Inc.--Tor
Project: Perris Markham St.

Project Manager: Joann Marroquin
Project Number: ES22-362701

Report To:

Partner Engineering & Science, Inc.--Tor
 Rowan Trefz
 2154 Torrance Blvd., Suite 200
 Torrance, CA 90501

Date Due: 05/11/22 17:00 (1 day TAT)

Received By: Marvin Ventura

Date Received: 05/10/22 12:10

Logged In By: Jennifer Berger

Date Logged In: 05/10/22 12:25

Samples Received at: **19.7°C**
 Custody Seals No Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confir Yes

Analysis	Due	TAT	Expires	Comments
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T221365-01 BH1-2.5' [Soil] Sampled 05/10/22 09:35 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/11/22 15:00	1	11/06/22 09:35	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 09:35	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	

T221365-02 BH1-5.0' [Soil] Sampled 05/10/22 09:45 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/11/22 15:00	1	11/06/22 09:45	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 09:45	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	

T221365-03 BH2-2.5' [Soil] Sampled 05/10/22 09:15 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/11/22 15:00	1	11/06/22 09:15	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 09:15	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	

T221365-04 BH2-5.0' [Soil] Sampled 05/10/22 09:25 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/11/22 15:00	1	11/06/22 09:25	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 09:25	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	

WORK ORDER

T221365

Client: Partner Engineering & Science, Inc.--Tor **Project Manager: Joann Marroquin**
Project: Perris Markham St. **Project Number: ES22-362701**

Analysis	Due	TAT	Expires	Comments
T221365-05 BH3-2.5' [Soil] Sampled 05/10/22 08:30 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/11/22 15:00	1	11/06/22 08:30	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 08:30	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	
T221365-06 BH3-5.0' [Soil] Sampled 05/10/22 08:40 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/11/22 15:00	1	11/06/22 08:40	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 08:40	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	
T221365-07 BH4-2.5' [Soil] Sampled 05/10/22 08:55 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/11/22 15:00	1	11/06/22 08:55	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 08:55	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	
T221365-08 BH4-5.0' [Soil] Sampled 05/10/22 09:00 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/11/22 15:00	1	11/06/22 09:00	
8015 Carbon Chain	05/11/22 15:00	1	05/24/22 09:00	
8260 5035	05/11/22 15:00	1	05/24/22 23:59	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg