

Appendix J
Phase II Site Investigation Results
Memo



March 21, 2023

Mr. Bob Close
Bridge Logistics Properties
1501 Quail Street Suite 110
Newport Beach, Ca 92660

Subject: Results of a Phase II Site Investigation at the Property Located at 2720 S. Willow Avenue, Rialto, California 92316 (Site).

Dear Mr. Close,

This report presents the results of the Phase II Site Investigation (SI) completed at the Site referenced above in the City of Rialto, California (Site; Figure 1 & 2). Hazard Management Consulting, Inc. (HMC) was retained by Bridge Logistics Properties (Bridge) to conduct this SI based off HMC's recommendations following the peer review of a Phase I and Phase II Environmental Site Assessment (ESA) prepared by Orion Environmental, Inc. (Orion, 2022). The Site is located on the west side of S. Willow Avenue and comprises one parcel of land consisting of approximately 3.5-acres, occupied by two industrial buildings utilized for the manufacturing and storage of chemical resins and epoxies.

BACKGROUND

Based on the information obtained as part of the Phase I and Phase II ESA (Orion, 2022), historical land use at the Site and adjoining properties included large-scale orchards from at least the 1930's until the 1990's. The current land use involves the storing and mixing of a large volume of chemicals including acetones, ketones, xylenes, and dye materials. Orion identified the large volume of chemicals utilized in current operations at the Site as a potential hazard and possible vapor encroachment condition. Based on the results of the Phase I ESA (Orion, 2022), Orion recommended conducting a Phase II ESA to evaluate whether potential impacts to surficial soil and soil vapor are present at the Site from the discharge of hazardous materials from current or historical Site activities.

The Phase II ESA (Orion, 2022) included the advancement of 9 soil borings to a depth of 5- feet below ground surface (bgs) for the installation of 9 temporary soil vapor probes for the collection

of soil gas samples, and the advancement of 19 soil borings to a depth of 1-foot bgs for the collection of soil samples. Soil gas samples were analyzed for volatile organic compounds (VOCs) by U.S Environmental Protection Agency (EPA) Method TO-15, and shallow soil samples were analyzed for organochlorine pesticides (OCPs), organophosphorus pesticides (OPPs), herbicides, and Title 22 Metals by EPA Method Nos. 8081A, 8141A, 8151A, 6010B and 7471A, respectively. Shallow soil samples and soil gas samples were collected from the perimeter of the Site boundaries and buildings and no samples were collected from beneath the buildings on-Site. Shallow soil results reported various metals at levels that were well below applicable screening levels or at levels consistent with naturally occurring background conditions. OCPs, OPPs, and herbicides were not detected above laboratory reporting limits in any of the samples. Soil gas results reported VOC concentrations below applicable screening levels for vapor intrusion except for benzene and ethylbenzene. Based on the results of the Phase I and Phase II ESA (Orion, 2022) and the lack of samples from beneath the buildings on-Site, HMC recommended conducting additional subsurface investigation at the Site in order to fully characterize the vertical and lateral extent of VOC contamination.

OBJECTIVES

The objectives of the work described herein are to evaluate the lateral and vertical extent of VOCs below the Site and to evaluate whether a potential vapor intrusion condition is present at the Site.

DATA EVALUATION CRITERIA

The DTSC-SLi provide screening levels for ambient air at industrial/commercial properties based on a human health risk criteria. SFBRWQCB-ESLi provide screening levels for ambient air as well as sub-slab and soil vapor based on human health risk criteria in an industrial setting. The DTSC-SLi concentrations for ambient air are modified using an approved attenuation factor to obtain screening values for soil vapor. The DTSC-SLi are calculated by modifying the ambient air concentrations using an attenuation factor 0.03 for future industrial/commercial development. The calculated DTSC-SLi modified soil gas screening levels and the SFBRWQCB-ESLi sub-slab/ soil vapor screening levels are presented in Table 1.

These values are used as guidelines to assess whether a human health risk might be present due to possible vapor intrusion though are extremely conservative and do not indicate that a risk actually exists but rather, that additional investigation which could include a risk assessment or remediation is warranted.

The soil samples were compared to State and Federal screening levels to assess whether detectable concentrations would present a possible human health risk to construction workers, future occupants, and/or the environment. Laboratory analyses were compared to the California Department of Toxic Substances Control (DTSC) Soil Screening Levels for industrial/commercial land use (DTSC-SLi), the United States Environmental Protection Agency (USEPA) Regional Screening Levels for industrial/commercial land use (EPA-RSLi), and the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels for industrial direct exposure human health risk levels (SFBRWQCB-ESLi). These regulatory guidelines present suggested cleanup goals for the protection of workers and future occupants based on industrial/commercial land use and for the protection of groundwater. The DTSC-SLi, EPA-RSLi, and SFBRWQCB-ESLi values are human health risk criteria based on dermal contact, ingestion, and inhalation. Table 1 presents these guidelines.

The LARWQCB has developed guidelines to evaluate hydrocarbons in soil for the protection of human health and groundwater broken down by carbon chain. The groundwater at investigations in the near vicinity of the Site has been reported to be measured between approximately 160 to 162 feet bgs, therefore the guidelines indicate as follows:

- Gasoline range Hydrocarbons: 1,000 mg/Kg
- Diesel Range Hydrocarbons: 1,0000 mg/Kg
- Oil Range Hydrocarbons: 50,000 mg/Kg

Metals are naturally occurring within soil and sediments. With the exception of arsenic and vanadium, concentrations were compared to the human health risk criteria set forth in DTSC-SLi, EPA-RSLi, and SFBRWQCB-ESLi values. Due to the granitic nature of California geology, natural background concentrations of arsenic typically exceed the human health risk guidelines prepared by the State and Federal agencies. The DTSC completed a study of naturally occurring concentrations of arsenic that would be acceptable to school properties for the Los Angeles Unified School District (LAUSD). Based on its study, the DTSC concluded arsenic would be considered elevated at concentrations exceeding 12 milligrams per kilogram (mg/kg).

SITE INVESTIGATION

The SI included the advancement of twelve soil borings for the collection of soil samples (designated SB-1-5' through SB-12-5'). Each borehole was also used for the installation of

temporary soil vapor probes (designated SV-1-5' through SV-12-5'). Field activities took place on March 6 & 7, 2023. HMC notified Underground Service Alert (USA) the work would commence on this date and marked the Site with white marking paint 72 hours in advance, as required by law. Additionally, each boring location was also scanned for subsurface obstructions by Goldak Locating Services, a geophysical locating company based in Sylmar, CA, prior to drilling.

All borings were advanced with a direct-push rig by CoreProbe International, Inc. (CoreProbe), a direct-push rig drilling contractor located in San Gabriel, California, on March 6, 2023. Soil vapor sampling and analysis was performed in general accordance with DTSC's 2015 Advisory Active Soil Gas Investigation guidelines and EPA Method 8260 for volatile organic compounds and EPA Method 8015 for methane. The soil vapor probes were sampled on March 7, 2023, by Jones Environmental, Inc. (Jones), a mobile laboratory and fixed based laboratory located in Santa Fe Springs, California. The soil vapor samples were collected into glass syringes and analyzed in Jones' mobile laboratory.

The DTSC Soil Gas Advisory guidelines suggests a 2-hour equilibration period before sampling when soil vapor probes are installed with direct-push rig. Soil vapor probes were installed and allowed the 2-hour equilibration period before sampling activities began.

Soil samples were stored in a chilled cooler and transported under COC protocol to and analyzed by Sunstar Laboratories, a certified laboratory contractor located in Lake Forest, California. Soil samples were analyzed in general accordance with EPA Method 8260 for VOCs, EPA Method 8015 for total petroleum hydrocarbons (TPH), and EPA Method 6010 for metals.

Soil sampling equipment was decontaminated using a critical cleaning detergent and de-ionized water in conjunction with the "triple rinse method" prior to the collection of each soil sample. The soil samples were collected from the direct-push rig into clear PVC material liners, sealed with fluoropolymer film, and sealed with rubber caps. The samples were then placed in a chilled cooler for transportation to the laboratory under COC protocol.

Soil vapor probes were installed and constructed with dedicated materials for temporary use including No. 3 sand, bentonite crumbles, 1/4 inch Nylaflow tubing, stop cock valves, and single-use filters. Soil vapor sampling procedures consist of a purge of three dead volumes of air from each soil vapor probe prior to collection of the sample while maintaining a maximum, unless otherwise noted, 200 milliliter per minute flow rate and/or maintaining a vacuum measurement of less than 100 inches of water during purging and sampling. Leak testing procedures consist of a "shut-in test" prior to purging where a vacuum is applied to the purging and sampling

equipment and monitored for vacuum loss for 60 seconds as well as the application of a liquid leak check (LLC), a blend of n-hexane, n-pentane, and n-heptane, to monitor for ambient air breakthrough during purging and sampling. Laboratory reports are presented in Attachment A and summarized on Tables 1 and 2.

The work was completed under the oversight and direction of Mr. Gage Costales, Project Scientist of HMC. The following presents the results of the SI performed at the Site.

Soil Sample Results

As presented in Table 1, soil samples were collected at all twelve locations across the Site. The locations (SB-1-5' through SB-12-5') were used to collect a total of 12 soil samples at five feet bgs. All samples were analyzed for VOCs plus oxygenates, TPH, and metals. Soil sample analysis reported the following:

- In general, VOCs were reported as non-detectable for all soil samples with the exception of two detections of acetone at concentrations well below regulatory screening levels;
- TPH was generally reported as non-detectable for all soil samples with the exception of one detection of TPH C13-C28 (diesel range organics) at SB-1-5'. TPH C13-C28 was reported at 11 milligrams per kilogram (mg/kg), well below regulatory screening levels; and,
- Metal in soil were reported at concentrations well below regulatory screening levels and appeared to be representative of background conditions for the region.

Soil Vapor Survey

Twelve probes were installed at the Site at a depth of approximately five feet bgs. A total of thirteen samples were collected including the twelve primary samples and one replicate sample (REP) for quality control purposes. Soil vapor analysis generally reported no to low detections of VOCs in soil vapor with the exception of benzene and chloroform. Soil vapor analysis reported the following:

- Benzene was detected in all thirteen samples at concentrations ranging from 1.9 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 28 $\mu\text{g}/\text{m}^3$. Benzene was reported to exceed regulatory screening criteria at three locations (SV-7-5', SV-8-5', SV-12-5');

- Ethylbenzene was detected in all thirteen samples at concentrations ranging from 4 $\mu\text{g}/\text{m}^3$ to 46 $\mu\text{g}/\text{m}^3$. Ethylbenzene concentrations were not found to exceed regulatory screening criteria;
- Tetrachloroethene (PCE) was detected in one sample (SV-11-5') at a concentration of 17 $\mu\text{g}/\text{m}^3$. This PCE detection was not found to exceed regulatory screening criteria;
- Chloroform was detected in one sample (SB-11-5') at a concentration of 26 $\mu\text{g}/\text{m}^3$. This chloroform detection exceeds its regulatory screening levels; and,
- LCC was not reported in any sample.

Groundwater was not encountered during the investigation. The analytical data reports are included in Attachment A.

DISCUSSION

The SI was conducted to assess if hazardous substances had been released at the Site and to evaluate if a vapor intrusion condition is present at the Site. The data set collected through this soil survey has revealed no detection of VOCs with the exception of two low concentrations of acetone. Acetone was detected at concentrations well below regulatory screening criteria. TPH was generally reported as non-detectable with the exception of one detection of TPH C13-C28 (diesel range organics) at a concentration well below regulatory screening criteria. Metals in soil were reported at concentrations well below regulatory screening levels and appeared to be representative of background conditions for the region.

Soil vapor samples generally reported no to low detections of VOCs in soil vapor at the Site with the exception of benzene and chloroform. Benzene was detected in all thirteen soil vapor samples at concentrations ranging from above laboratory reporting limits to slightly above regulatory screening criteria. Chloroform was detected in one sample at a concentration that is slightly above regulatory screening criteria. The pattern and distribution of VOCs detected in soil vapor did not appear to represent a source area, but rather low level hits that could be a mix of small releases that went completely into a vapor phase and/or contributions from the industrial nature of the Site vicinity. The data obtained as part of this investigation when taken with the previous data from prior investigations has shown that there are VOCs present in soil vapor at generally low concentrations across the Site with no apparent source area that would require remediation.

CONCLUSIONS & RECOMMENDATIONS

HMC has completed a Phase II Site Investigation and has found evidence that VOCs are present in soil vapor at the Site. While The data obtained as part of this investigation when taken with the previous data from prior investigations has shown that there are VOCs present in soil vapor at generally low concentrations across the Site with no apparent source area that would require remediation. Given that future plans for the Site call for the demolition of the eastern building at the Site and the development of a parking lot, HMC does not believe that VOCs in soil vapor at the Site pose a hazard to human health or the environment via the vapor intrusion pathway. The Phase II Site Investigation has generally reported no to low detections of VOCs and TPH in soil at the Site, and HMC does not believe this poses a hazard to human health at the Site. However, there is always a potential to encounter unanticipated subsurface features or soil conditions during demolition and grading of a historically industrial Site.

Given the findings of this investigation, HMC recommends the following:

- During future development of the Site, a Soil Management Plan should be developed to guide the overall grading effort. HMC has found no evidence of significant contamination to soil at the Site, however, there is always potential to encounter unanticipated subsurface features or soil conditions during demolition and grading of a historically industrial Site.
- If the future plans for the Site include the development of a new structure, vapor intrusion should be re-evaluated via additional subsurface investigation and/or a human health risk assessment.

We thank you for the opportunity to be of service. If there are any questions or comments regarding this report, please contact the undersigned at your convenience.

Sincerely,
Hazard Management Consulting, Inc.

Mark S. Cousineau
Principal

Gage Costales
Project Scientist

References:

Orion Environmental, Inc. (Orion), *Phase I Environmental Site Assessment, 2720 South Willow Avenue, Rialto, California, May 2022*

Orion Environmental, Inc. (Orion), *Phase II Environmental Site Assessment, 2720 South Willow Avenue, Rialto, California, May 2022*

Attachments:

Table 1 – Laboratory Results of Soil Sampling

Table 2 – Laboratory Results of Soil Vapor Sampling

Figure 1 – Site Location Map

Figure 2 – Site & Site Vicinity Map

Attachment A – Laboratory Report

TABLE 1 - LABORATORY RESULTS OF SOIL SAMPLING

Location	Sample ID	Date Sampled	Sample Depth (feet bgs)	VOCs and Oxy. (µg/Kg)		TPHcc (mg/Kg)			Metals (mg/Kg)								
				Acetone	Other VOCs	C6-C12	C13-C28	C29-C40	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc	Other Metals
Focus Area around Eastern Building at 2720 S. Willow Ave., Rialto, CA	SB-1-5'	3/6/2023	5'	ND	ND	ND	11	ND	54	15	6.7	10	4	11	30	25	ND
	SB-2-5'	3/6/2023	5'	ND	ND	ND	ND	ND	60	16	7.3	11	4.7	12	32	27	ND
	SB-3-5'	3/6/2023	5'	ND	ND	ND	ND	ND	55	17	7.7	13	5.5	12	32	28	ND
	SB-4-5'	3/6/2023	5'	ND	ND	ND	ND	ND	63	17	7.6	13	4.8	13	33	27	ND
	SB-5-5'	3/6/2023	5'	0.0066	ND	ND	ND	ND	57	15	7.3	13	5.8	12	31	24	ND
	SB-6-5'	3/6/2023	5'	ND	ND	ND	ND	ND	49	15	6.9	11	4.5	12	30	25	ND
	SB-7-5'	3/6/2023	5'	0.0062	ND	ND	ND	ND	56	15	7	11	4.6	12	29	26	ND
	SB-8-5'	3/6/2023	5'	ND	ND	ND	ND	ND	63	18	8.3	15	6.9	14	35	26	ND
	SB-9-5'	3/6/2023	5'	ND	ND	ND	ND	ND	31	9.3	4	9	4.3	7.1	19	16	ND
	SB-10-5'	3/6/2023	5'	ND	ND	ND	ND	ND	52	16	7.3	12	5.9	13	29	23	ND
	SB-11-5'	3/6/2023	5'	ND	ND	ND	ND	ND	48	16	7.2	11	4.9	12	28	24	ND
	SB-12-5'	3/6/2023	5'	ND	ND	ND	ND	ND	49	16	7.3	13	6.2	13	31	23	ND
Regulatory Screening Levels - Protection of Human Health																	
DTSC-Sli				NA	NA	NA	21,000	NA	NA	NA	NA	NA	320	64,000	NA	NA	NA
EPA-RSLi				670,000	NA	NA	NA	NA	220,000	160	350	47,000	800	NA	NA	350,000	NA
SFBRWQCB				670,000	NA	2,000	1,200	180,000	220,000	160	1,900	47,000	380	64,000	5,800	350,000	NA

Notes:

Sample ID - Sample Identification
feet bgs - feet below ground surface
VOCs - volatile organic compounds analyzed in general accordance with EPA Method No. 8260B
Oxy. - Oxygenates analyzed in general accordance with EPA Method No. 8260B
TPHcc - total petroleum hydrocarbons carbon chain C6-C40 in general accordance with EPA Method No. 8015 (modified)
C6-C12 - total petroleum hydrocarbons as gasoline
C13-C28 - total petroleum hydrocarbons as diesel fuel
C29-C40 - soil petroleum hydrocarbons as oil
mg/Kg - milligrams per kilogram
µg/Kg - micrograms per kilogram
ND - no detectable concentrations above the laboratory reporting limit
NA - Not Applicable
* - Not Analyzed
DTSC-Sli - California Department of Toxic Substance Control, Human and Ecological Risk Office, Note 3, Screening Levels for industrial/commercial land use, date June 2018
EPA-RSLi - EPA Region 9, Regional Screening Levels for industrial/commercial land use, dated May 2021
SFBRWQCB - San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels 2019 (Rev. 2)
LARWQCB - Regional Water Quality Control Board, Los Angeles Region, Interim Site Assessment and Cleanup Guidebook, dated May 1996
Highlighted areas indicated concentrations that exceeded screening levels presented in this table

TABLE 2 - LABORATORY RESULTS OF SOIL VAPOR SAMPLING

Location	Sample ID	Sample Depth	Sample Date	VOCs µg/m3					
				Benzene	Chloroform	Ethylbenzene	Tetrachloroethene	Other VOCs	LCC (n-Hexane, n-Pentane, n-Heptane)
Focus Area around Eastern Building at 2720 S. Willow Ave., Fontana, CA	SV-1-5'	5'	3/7/2023	4.9	ND	15	ND	Various	ND
	SV-2-5'	5'	3/7/2023	5	ND	11	ND	Various	ND
	SV-3-5'	5'	3/7/2023	2.9	ND	7	ND	Various	ND
	SV-4-5'	5'	3/7/2023	4.6	ND	5	ND	Various	ND
	SV-5-5'	5'	3/7/2023	7.3	ND	7	ND	Various	ND
	SV-6-5'	5'	3/7/2023	3.6	ND	6	ND	Various	ND
	SV-7-5'	5'	3/7/2023	28	ND	23	ND	Various	ND
	SV-8-5'	5'	3/7/2023	28	ND	46	ND	Various	ND
	SV-9-5'	5'	3/7/2023	1.9	ND	4	ND	Various	ND
	SV-10-5'	5'	3/7/2023	14	ND	6	ND	Various	ND
	SV-10-5' - REP	5'	3/7/2023	14	ND	6	ND	Various	ND
	SV-11-5'	5'	3/7/2023	12	26	11	17	Various	ND
SV-12-5'	5'	3/7/2023	18	ND	8	ND	Various	ND	
Regulatory Screening Levels - Protection of Human Health and the Environment									
DTSC-Sli				14	NA	NA	67	Various	NA
EPA-RSLi				53	18	163	1567	Various	NA
SFBRWQCB-ESLi				14	18	160	67	Various	NA
Tracer Gas Limit				NA	NA	NA	NA	NA	50

Notes:

DTSC-Sli - California Department of Toxic Substance Control, Human and Ecological Risk Office Note 3, for ambient air for industrial/commercial land use modified for soil gas using the DTSC attenuation factor of 0.03 for a sample at the contaminant source of a potential future commercial building, dated 2019

Boring ID - Boring Identification

EPA-RSLi - EPA Region 9, Regional Screening Levels for ambient air for commercial/industrial land use modified for soil gas using the VISL attenuation factor of 0.03 for a sample at the contaminant source of a potential future commercial building, May 2021

feet bgs - feet below ground surface

SFBRWQCB-ESLi - San Francisco Bay Regional Water Quality Control Board Sub-slab/Soil Gas Vapor Intrusion: Human Health Risk Levels Commercial/ Industrial Caner Risk Revision 2 2019

VOCs - volatile organic compounds analyzed in general accordance with EPA Method No. 8260B ultra-low limits

Green highlighted areas indicate tracer compound detected above 10 times the reporting limit rendering the sample invalid per DTSC Active Soil Gas Investigation Guidelines July 2015

µg/m3 - micrograms per cubic meter

Yellow Highlighted areas indicated concentrations that exceeded screening levels

ND - no detectable concentrations above the laboratory reporting limit

LCC - Leak Check Compound 1,1 Difluoroethane

* - Not Sampled

Figure 1
Site Location Map
2720 S. Willow Avenue
Rialto, California

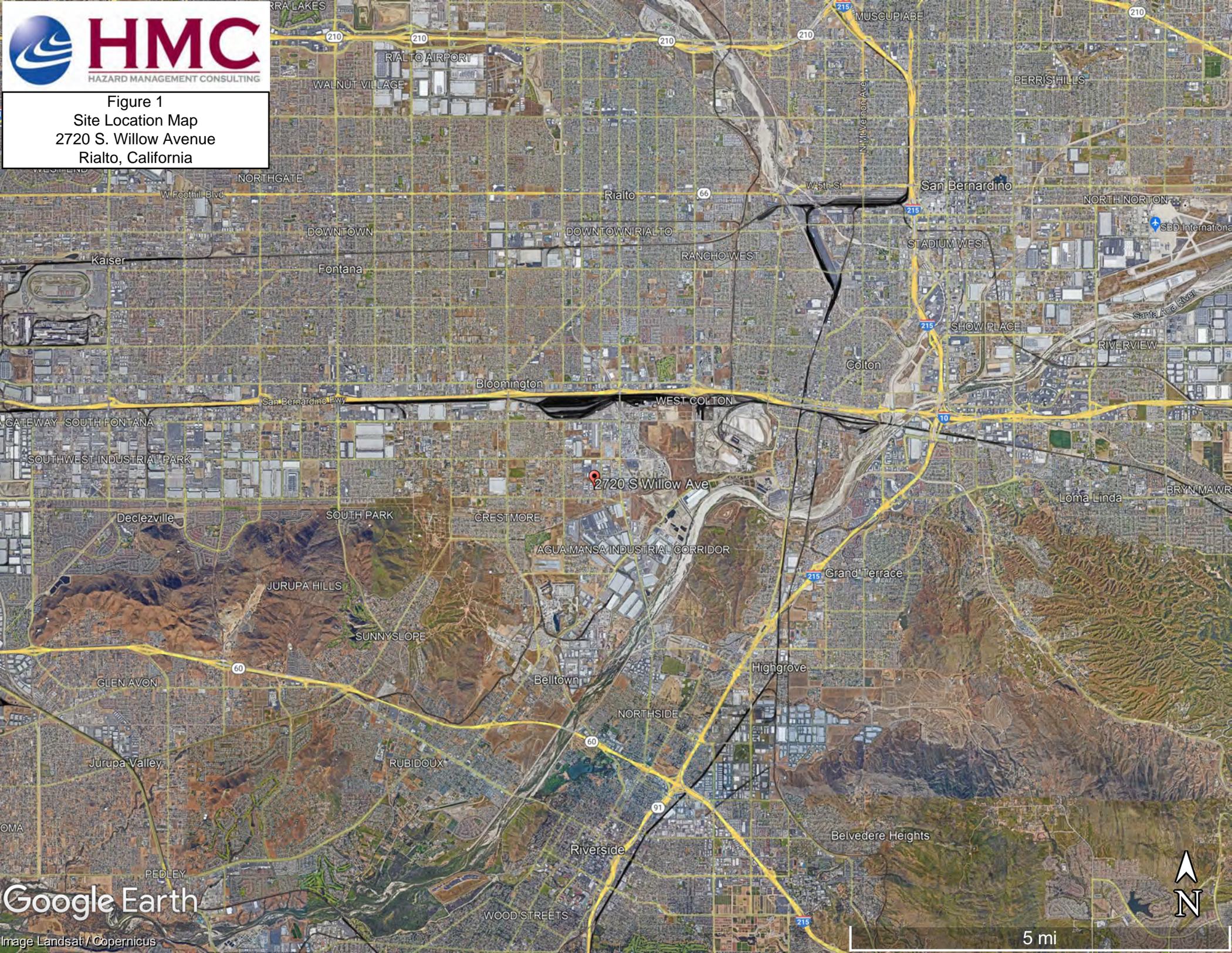


Figure 2
Site and Site Vicinity Map
2720 S. Willow Ave.
Rialto, California



Legend

 Soil and Soil Vapor at 5-feet bgs

300 ft



ATTACHMENT A
Laboratory Reports

DRAFT



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

10 March 2023

Gage Costales
Hazard Management Consulting, Inc.
211 West Avenida Cordoba, Suite 200
San Clemente, CA 92672
RE: 2720 S. Willow Ave

Enclosed are the results of analyses for samples received by the laboratory on 03/06/23 11:43. 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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1-5	T230555-01	Soil	03/06/23 08:40	03/06/23 11:43
SB-2-5	T230555-02	Soil	03/06/23 08:48	03/06/23 11:43
SB-3-5	T230555-03	Soil	03/06/23 09:03	03/06/23 11:43
SB-4-5	T230555-04	Soil	03/06/23 09:16	03/06/23 11:43
SB-5-5	T230555-05	Soil	03/06/23 09:25	03/06/23 11:43
SB-6-5	T230555-06	Soil	03/06/23 09:34	03/06/23 11:43
SB-7-5	T230555-07	Soil	03/06/23 09:43	03/06/23 11:43
SB-8-5	T230555-08	Soil	03/06/23 09:52	03/06/23 11:43
SB-9-5	T230555-09	Soil	03/06/23 10:01	03/06/23 11:43
SB-10-5	T230555-10	Soil	03/06/23 10:11	03/06/23 11:43
SB-11-5	T230555-11	Soil	03/06/23 10:21	03/06/23 11:43
SB-12-5	T230555-12	Soil	03/06/23 10:30	03/06/23 11:43

SunStar Laboratories, Inc.

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

Joann Marroquin, Director of Operations



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

DETECTIONS SUMMARY

Sample ID: SB-1-5

Laboratory ID: T230555-01

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
C13-C28 (DRO)	11	10		mg/kg	EPA 8015B	D-06
Barium	54	1.0		mg/kg	EPA 6010b	
Chromium	15	2.0		mg/kg	EPA 6010b	
Cobalt	6.7	2.0		mg/kg	EPA 6010b	
Copper	10	1.0		mg/kg	EPA 6010b	
Lead	4.0	3.0		mg/kg	EPA 6010b	
Nickel	11	2.0		mg/kg	EPA 6010b	
Vanadium	30	5.0		mg/kg	EPA 6010b	
Zinc	25	1.0		mg/kg	EPA 6010b	

Sample ID: SB-2-5

Laboratory ID: T230555-02

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	60	1.0		mg/kg	EPA 6010b	
Chromium	16	2.0		mg/kg	EPA 6010b	
Cobalt	7.3	2.0		mg/kg	EPA 6010b	
Copper	11	1.0		mg/kg	EPA 6010b	
Lead	4.7	3.0		mg/kg	EPA 6010b	
Nickel	12	2.0		mg/kg	EPA 6010b	
Vanadium	32	5.0		mg/kg	EPA 6010b	
Zinc	27	1.0		mg/kg	EPA 6010b	

Sample ID: SB-3-5

Laboratory ID: T230555-03

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	55	1.0		mg/kg	EPA 6010b	
Chromium	17	2.0		mg/kg	EPA 6010b	
Cobalt	7.7	2.0		mg/kg	EPA 6010b	
Copper	13	1.0		mg/kg	EPA 6010b	
Lead	5.5	3.0		mg/kg	EPA 6010b	
Nickel	12	2.0		mg/kg	EPA 6010b	

SunStar Laboratories, Inc.

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

Joann Marroquin, Director of Operations

Hazard Management Consulting, Inc.
211 West Avenida Cordoba, Suite 200
San Clemente CA, 92672

Project: 2720 S. Willow Ave
Project Number: [none]
Project Manager: Gage Costales

Reported:
03/10/23 15:52

Sample ID: SB-3-5

Laboratory ID: T230555-03

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Vanadium	32	5.0		mg/kg	EPA 6010b	
Zinc	28	1.0		mg/kg	EPA 6010b	

Sample ID: SB-4-5

Laboratory ID: T230555-04

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	63	1.0		mg/kg	EPA 6010b	
Chromium	17	2.0		mg/kg	EPA 6010b	
Cobalt	7.6	2.0		mg/kg	EPA 6010b	
Copper	13	1.0		mg/kg	EPA 6010b	
Lead	4.8	3.0		mg/kg	EPA 6010b	
Nickel	13	2.0		mg/kg	EPA 6010b	
Vanadium	33	5.0		mg/kg	EPA 6010b	
Zinc	27	1.0		mg/kg	EPA 6010b	

Sample ID: SB-5-5

Laboratory ID: T230555-05

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	57	1.0		mg/kg	EPA 6010b	
Chromium	15	2.0		mg/kg	EPA 6010b	
Cobalt	7.3	2.0		mg/kg	EPA 6010b	
Copper	13	1.0		mg/kg	EPA 6010b	
Lead	5.8	3.0		mg/kg	EPA 6010b	
Nickel	12	2.0		mg/kg	EPA 6010b	
Vanadium	31	5.0		mg/kg	EPA 6010b	
Zinc	24	1.0		mg/kg	EPA 6010b	
Acetone	6.6	2.5		ug/kg	EPA 8260B	

Sample ID: SB-6-5

Laboratory ID: T230555-06

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	49	1.0		mg/kg	EPA 6010b	
Chromium	15	2.0		mg/kg	EPA 6010b	
Cobalt	6.9	2.0		mg/kg	EPA 6010b	

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211 West Avenida Cordoba, Suite 200
San Clemente CA, 92672

Project: 2720 S. Willow Ave
Project Number: [none]
Project Manager: Gage Costales

Reported:
03/10/23 15:52

Sample ID: SB-6-5

Laboratory ID: T230555-06

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Copper	11	1.0		mg/kg	EPA 6010b	
Lead	4.5	3.0		mg/kg	EPA 6010b	
Nickel	12	2.0		mg/kg	EPA 6010b	
Vanadium	30	5.0		mg/kg	EPA 6010b	
Zinc	25	1.0		mg/kg	EPA 6010b	

Sample ID: SB-7-5

Laboratory ID: T230555-07

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	56	1.0		mg/kg	EPA 6010b	
Chromium	15	2.0		mg/kg	EPA 6010b	
Cobalt	7.0	2.0		mg/kg	EPA 6010b	
Copper	11	1.0		mg/kg	EPA 6010b	
Lead	4.6	3.0		mg/kg	EPA 6010b	
Nickel	12	2.0		mg/kg	EPA 6010b	
Vanadium	29	5.0		mg/kg	EPA 6010b	
Zinc	26	1.0		mg/kg	EPA 6010b	
Acetone	6.2	2.5		ug/kg	EPA 8260B	

Sample ID: SB-8-5

Laboratory ID: T230555-08

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	63	1.0		mg/kg	EPA 6010b	
Chromium	18	2.0		mg/kg	EPA 6010b	
Cobalt	8.3	2.0		mg/kg	EPA 6010b	
Copper	15	1.0		mg/kg	EPA 6010b	
Lead	6.9	3.0		mg/kg	EPA 6010b	
Nickel	14	2.0		mg/kg	EPA 6010b	
Vanadium	35	5.0		mg/kg	EPA 6010b	
Zinc	26	1.0		mg/kg	EPA 6010b	

Sample ID: SB-9-5

Laboratory ID: T230555-09

Analyte	Result	Reporting		Units	Method	Notes
		Limit				

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Project: 2720 S. Willow Ave
Project Number: [none]
Project Manager: Gage Costales

Reported:
03/10/23 15:52

Sample ID: SB-9-5

Laboratory ID: T230555-09

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	31	1.0		mg/kg	EPA 6010b	
Chromium	9.3	2.0		mg/kg	EPA 6010b	
Cobalt	4.0	2.0		mg/kg	EPA 6010b	
Copper	9.0	1.0		mg/kg	EPA 6010b	
Lead	4.3	3.0		mg/kg	EPA 6010b	
Nickel	7.1	2.0		mg/kg	EPA 6010b	
Vanadium	19	5.0		mg/kg	EPA 6010b	
Zinc	16	1.0		mg/kg	EPA 6010b	

Sample ID: SB-10-5

Laboratory ID: T230555-10

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	52	1.0		mg/kg	EPA 6010b	
Chromium	16	2.0		mg/kg	EPA 6010b	
Cobalt	7.3	2.0		mg/kg	EPA 6010b	
Copper	12	1.0		mg/kg	EPA 6010b	
Lead	5.9	3.0		mg/kg	EPA 6010b	
Nickel	13	2.0		mg/kg	EPA 6010b	
Vanadium	29	5.0		mg/kg	EPA 6010b	
Zinc	23	1.0		mg/kg	EPA 6010b	

Sample ID: SB-11-5

Laboratory ID: T230555-11

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	48	1.0		mg/kg	EPA 6010b	
Chromium	16	2.0		mg/kg	EPA 6010b	
Cobalt	7.2	2.0		mg/kg	EPA 6010b	
Copper	11	1.0		mg/kg	EPA 6010b	
Lead	4.9	3.0		mg/kg	EPA 6010b	
Nickel	12	2.0		mg/kg	EPA 6010b	
Vanadium	28	5.0		mg/kg	EPA 6010b	
Zinc	24	1.0		mg/kg	EPA 6010b	

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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

Sample ID: SB-12-5

Laboratory ID: T230555-12

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	49	1.0		mg/kg	EPA 6010b	
Chromium	16	2.0		mg/kg	EPA 6010b	
Cobalt	7.3	2.0		mg/kg	EPA 6010b	
Copper	13	1.0		mg/kg	EPA 6010b	
Lead	6.2	3.0		mg/kg	EPA 6010b	
Nickel	13	2.0		mg/kg	EPA 6010b	
Vanadium	31	5.0		mg/kg	EPA 6010b	
Zinc	23	1.0		mg/kg	EPA 6010b	

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SB-1-5
T230555-01 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	11	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	D-06
Surrogate: <i>p</i> -Terphenyl		96.9 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	54	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	03/09/23	"	
Cadmium	ND	2.0	"	"	"	"	03/09/23	"	
Chromium	15	2.0	"	"	"	"	"	"	
Cobalt	6.7	2.0	"	"	"	"	"	"	
Copper	10	1.0	"	"	"	"	"	"	
Lead	4.0	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	11	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	30	5.0	"	"	"	"	"	"	
Zinc	25	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-1-5
T230555-01 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-1-5
T230555-01 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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SB-1-5
T230555-01 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.8 %</i>	<i>81.9-128</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>112 %</i>	<i>73-126</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>115 %</i>	<i>80.4-121</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
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SB-2-5
T230555-02 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: p-Terphenyl</i>		100 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	60	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	16	2.0	"	"	"	"	"	"	
Cobalt	7.3	2.0	"	"	"	"	"	"	
Copper	11	1.0	"	"	"	"	"	"	
Lead	4.7	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	12	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	32	5.0	"	"	"	"	"	"	
Zinc	27	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
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SB-2-5
T230555-02 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-2-5
T230555-02 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-2-5
T230555-02 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.0 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		115 %	80.4-121		"	"	"	"	

SunStar Laboratories, Inc.

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-3-5
T230555-03 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		91.5 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	55	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	03/09/23	"	
Cadmium	ND	2.0	"	"	"	"	03/09/23	"	
Chromium	17	2.0	"	"	"	"	"	"	
Cobalt	7.7	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Lead	5.5	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	12	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	32	5.0	"	"	"	"	"	"	
Zinc	28	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-3-5
T230555-03 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-3-5
T230555-03 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-3-5
T230555-03 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.1 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		113 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		115 %	80.4-121		"	"	"	"	

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-4-5
T230555-04 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		<i>101 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	03/09/23	"	
Arsenic	ND	5.0	"	"	"	"	03/09/23	"	
Barium	63	1.0	"	"	"	"	03/09/23	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	03/09/23	"	
Chromium	17	2.0	"	"	"	"	03/09/23	"	
Cobalt	7.6	2.0	"	"	"	"	03/09/23	"	
Copper	13	1.0	"	"	"	"	03/09/23	"	
Lead	4.8	3.0	"	"	"	"	03/09/23	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	13	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	33	5.0	"	"	"	"	03/09/23	"	
Zinc	27	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-4-5
T230555-04 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-4-5
T230555-04 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-4-5
T230555-04 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.9 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		111 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		114 %	80.4-121		"	"	"	"	

SunStar Laboratories, Inc.

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 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-5-5
T230555-05 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl		99.1 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	57	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	15	2.0	"	"	"	"	"	"	
Cobalt	7.3	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Lead	5.8	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	12	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	31	5.0	"	"	"	"	"	"	
Zinc	24	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-5-5
T230555-05 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-5-5
T230555-05 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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SB-5-5
T230555-05 (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

Acetone	6.6	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.3 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		115 %	80.4-121		"	"	"	"	

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SB-6-5
T230555-06 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		95.9 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	49	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	03/09/23	"	
Cadmium	ND	2.0	"	"	"	"	03/09/23	"	
Chromium	15	2.0	"	"	"	"	"	"	
Cobalt	6.9	2.0	"	"	"	"	"	"	
Copper	11	1.0	"	"	"	"	"	"	
Lead	4.5	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	12	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	30	5.0	"	"	"	"	"	"	
Zinc	25	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-6-5
T230555-06 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-6-5
T230555-06 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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SB-6-5
T230555-06 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.2 %		81.9-128	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		119 %		73-126	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		112 %		80.4-121	"	"	"	"	

SunStar Laboratories, Inc.

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-7-5
T230555-07 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: p-Terphenyl</i>		99.0 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	56	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	15	2.0	"	"	"	"	"	"	
Cobalt	7.0	2.0	"	"	"	"	"	"	
Copper	11	1.0	"	"	"	"	"	"	
Lead	4.6	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	12	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	29	5.0	"	"	"	"	"	"	
Zinc	26	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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SunStar Laboratories, Inc.

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Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-7-5
T230555-07 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-7-5
T230555-07 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-7-5
T230555-07 (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

Acetone	6.2	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.1 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		109 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		115 %	80.4-121		"	"	"	"	

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SB-8-5
T230555-08 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: p-Terphenyl</i>		98.1 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	63	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	03/09/23	"	
Cadmium	ND	2.0	"	"	"	"	03/09/23	"	
Chromium	18	2.0	"	"	"	"	"	"	
Cobalt	8.3	2.0	"	"	"	"	"	"	
Copper	15	1.0	"	"	"	"	"	"	
Lead	6.9	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	14	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	35	5.0	"	"	"	"	"	"	
Zinc	26	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-8-5
T230555-08 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-8-5
T230555-08 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-8-5
T230555-08 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.8 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		127 %	73-126		"	"	"	"	S-GC
<i>Surrogate: Toluene-d8</i>		113 %	80.4-121		"	"	"	"	

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-9-5
T230555-09 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	D-06
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: p-Terphenyl</i>		98.2 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	03/09/23	"	
Arsenic	ND	5.0	"	"	"	"	03/09/23	"	
Barium	31	1.0	"	"	"	"	03/09/23	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	03/09/23	"	
Chromium	9.3	2.0	"	"	"	"	"	"	
Cobalt	4.0	2.0	"	"	"	"	"	"	
Copper	9.0	1.0	"	"	"	"	03/09/23	"	
Lead	4.3	3.0	"	"	"	"	03/09/23	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	7.1	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	19	5.0	"	"	"	"	03/09/23	"	
Zinc	16	1.0	"	"	"	"	03/09/23	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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SunStar Laboratories, Inc.

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Joann Marroquin, Director of Operations



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Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-9-5
T230555-09 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-9-5
T230555-09 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-9-5
T230555-09 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.4 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		115 %	80.4-121		"	"	"	"	

SunStar Laboratories, Inc.

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-10-5
T230555-10 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: p-Terphenyl</i>		102 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	52	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	16	2.0	"	"	"	"	"	"	
Cobalt	7.3	2.0	"	"	"	"	"	"	
Copper	12	1.0	"	"	"	"	"	"	
Lead	5.9	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	13	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	29	5.0	"	"	"	"	"	"	
Zinc	23	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-10-5
T230555-10 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-10-5
T230555-10 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
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SB-10-5
T230555-10 (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

Acetone	ND	2.5	ug/kg	1	23C0062	03/06/23	03/08/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.5 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		112 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		113 %	80.4-121		"	"	"	"	

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SB-11-5
T230555-11 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: p-Terphenyl</i>		96.1 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	48	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	03/09/23	"	
Cadmium	ND	2.0	"	"	"	"	03/09/23	"	
Chromium	16	2.0	"	"	"	"	"	"	
Cobalt	7.2	2.0	"	"	"	"	"	"	
Copper	11	1.0	"	"	"	"	"	"	
Lead	4.9	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	12	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	28	5.0	"	"	"	"	"	"	
Zinc	24	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-11-5
T230555-11 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0070	03/06/23	03/06/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-11-5
T230555-11 (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
cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0070	03/06/23	03/06/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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SB-11-5
T230555-11 (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

Acetone	ND	2.5	ug/kg	1	23C0070	03/06/23	03/06/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.9 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		132 %	73-126		"	"	"	"	S-GC
Surrogate: Toluene-d8		107 %	80.4-121		"	"	"	"	

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
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SB-12-5
T230555-12 (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	23C0069	03/06/23	03/07/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: p-Terphenyl</i>		103 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23C0066	03/06/23	03/09/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	49	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	16	2.0	"	"	"	"	"	"	
Cobalt	7.3	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Lead	6.2	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	13	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	31	5.0	"	"	"	"	"	"	
Zinc	23	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23C0063	03/09/23	03/09/23	EPA 7471A Soil	
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 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

SB-12-5
T230555-12 (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

Bromobenzene	ND	2.5	ug/kg	1	23C0070	03/06/23	03/06/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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SB-12-5
T230555-12 (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

cis-1,3-Dichloropropene	ND	2.5	ug/kg	1	23C0070	03/06/23	03/06/23	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	

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SB-12-5
T230555-12 (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

Acetone	ND	2.5	ug/kg	1	23C0070	03/06/23	03/06/23	EPA 8260B	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.0	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.8 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		126 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		109 %	80.4-121		"	"	"	"	

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 Project Number: [none]
 Project Manager: Gage Costales

Reported:
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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 23C0069 - EPA 3550B GC

Blank (23C0069-BLK1)

Prepared: 03/06/23 Analyzed: 03/07/23

C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: <i>p</i> -Terphenyl	99.6		"	100		99.6	65-135			

LCS (23C0069-BS1)

Prepared: 03/06/23 Analyzed: 03/07/23

C13-C28 (DRO)	460	10	mg/kg				75-125			
Surrogate: <i>p</i> -Terphenyl	93.3		"	100		93.3	65-135			

LCS Dup (23C0069-BSD1)

Prepared: 03/06/23 Analyzed: 03/07/23

C13-C28 (DRO)	480	10	mg/kg				75-125	3.04	20	
Surrogate: <i>p</i> -Terphenyl	97.4		"	100		97.4	65-135			

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

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 23C0066 - EPA 3050B

Blank (23C0066-BLK1)

Prepared: 03/06/23 Analyzed: 03/09/23

Antimony	ND	4.0	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	"							

LCS (23C0066-BS1)

Prepared: 03/06/23 Analyzed: 03/09/23

Arsenic	92.4	5.0	mg/kg	100		92.4	75-125			
Barium	95.7	1.0	"	100		95.7	75-125			
Cadmium	96.4	2.0	"	100		96.4	75-125			
Chromium	94.5	2.0	"	100		94.5	75-125			
Lead	97.3	3.0	"	100		97.3	75-125			

Matrix Spike (23C0066-MS1)

Source: T230550-05

Prepared: 03/06/23 Analyzed: 03/09/23

Arsenic	85.6	5.0	mg/kg	100	ND	85.6	75-125			
Barium	148	1.0	"	100	72.7	74.8	75-125			QM-07
Cadmium	85.2	2.0	"	100	0.482	84.8	75-125			
Chromium	94.1	2.0	"	100	11.4	82.7	75-125			
Lead	85.9	3.0	"	100	3.40	82.5	75-125			

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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 23C0066 - EPA 3050B

Matrix Spike Dup (23C0066-MSD1)

Source: T230550-05

Prepared: 03/06/23 Analyzed: 03/09/23

Arsenic	84.8	5.0	mg/kg	100	ND	84.8	75-125	0.989	20	
Barium	154	1.0	"	100	72.7	80.8	75-125	3.98	20	
Cadmium	84.6	2.0	"	100	0.482	84.1	75-125	0.806	20	
Chromium	93.8	2.0	"	100	11.4	82.3	75-125	0.349	20	
Lead	83.8	3.0	"	100	3.40	80.4	75-125	2.47	20	

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Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: 2720 S. Willow Ave Project Number: [none] Project Manager: Gage Costales	Reported: 03/10/23 15:52
---	---	-----------------------------

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 23C0063 - EPA 7471A Soil

Blank (23C0063-BLK1)		Prepared: 03/06/23 Analyzed: 03/09/23								
Mercury	ND	0.10	mg/kg							
LCS (23C0063-BS1)		Prepared: 03/06/23 Analyzed: 03/09/23								
Mercury	0.380	0.10	mg/kg	0.403		94.3	80-120			
Matrix Spike (23C0063-MS1)		Source: T230550-05		Prepared: 03/06/23 Analyzed: 03/09/23						
Mercury	0.390	0.10	mg/kg	0.410	ND	95.1	80-120			
Matrix Spike Dup (23C0063-MSD1)		Source: T230550-05		Prepared: 03/06/23 Analyzed: 03/09/23						
Mercury	0.364	0.10	mg/kg	0.397	ND	91.8	80-120	6.67	20	

SunStar Laboratories, Inc.

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Joann Marroquin, Director of Operations



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Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

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 23C0062 - EPA 5030 GCMS

Blank (23C0062-BLK1)

Prepared: 03/06/23 Analyzed: 03/08/23

Bromobenzene	ND	2.5	ug/kg
Bromochloromethane	ND	2.5	"
Bromodichloromethane	ND	2.5	"
Bromoform	ND	2.5	"
Bromomethane	ND	2.5	"
n-Butylbenzene	ND	2.5	"
sec-Butylbenzene	ND	2.5	"
tert-Butylbenzene	ND	2.5	"
Carbon tetrachloride	ND	2.5	"
Chlorobenzene	ND	2.5	"
Chloroethane	ND	2.5	"
Chloroform	ND	2.5	"
Chloromethane	ND	2.5	"
2-Chlorotoluene	ND	2.5	"
4-Chlorotoluene	ND	2.5	"
Dibromochloromethane	ND	2.5	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane (EDB)	ND	2.5	"
Dibromomethane	ND	2.5	"
1,2-Dichlorobenzene	ND	2.5	"
1,3-Dichlorobenzene	ND	2.5	"
1,4-Dichlorobenzene	ND	2.5	"
Dichlorodifluoromethane	ND	2.5	"
1,1-Dichloroethane	ND	2.5	"
1,2-Dichloroethane	ND	2.5	"
1,1-Dichloroethene	ND	2.5	"
cis-1,2-Dichloroethene	ND	2.5	"
trans-1,2-Dichloroethene	ND	2.5	"
1,2-Dichloropropane	ND	2.5	"
1,3-Dichloropropane	ND	2.5	"
2,2-Dichloropropane	ND	2.5	"
1,1-Dichloropropene	ND	2.5	"
cis-1,3-Dichloropropene	ND	2.5	"
trans-1,3-Dichloropropene	ND	2.5	"
Hexachlorobutadiene	ND	2.5	"
Isopropylbenzene	ND	2.5	"

SunStar Laboratories, Inc.

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 23C0062 - EPA 5030 GCMS

Blank (23C0062-BLK1)

Prepared: 03/06/23 Analyzed: 03/08/23

p-Isopropyltoluene	ND	2.5	ug/kg							
Methylene chloride	ND	10	"							
Naphthalene	ND	2.5	"							
n-Propylbenzene	ND	2.5	"							
Styrene	ND	2.5	"							
1,1,2,2-Tetrachloroethane	ND	2.5	"							
1,1,1,2-Tetrachloroethane	ND	2.5	"							
Tetrachloroethene	ND	2.5	"							
1,2,3-Trichlorobenzene	ND	2.5	"							
1,2,4-Trichlorobenzene	ND	2.5	"							
1,1,2-Trichloroethane	ND	2.5	"							
1,1,1-Trichloroethane	ND	2.5	"							
Trichloroethene	ND	2.5	"							
Trichlorofluoromethane	ND	2.5	"							
1,2,3-Trichloropropane	ND	2.5	"							
1,3,5-Trimethylbenzene	ND	2.5	"							
1,2,4-Trimethylbenzene	ND	2.5	"							
Vinyl chloride	ND	2.5	"							
Benzene	ND	2.5	"							
Toluene	ND	2.5	"							
Ethylbenzene	ND	2.5	"							
m,p-Xylene	ND	5.0	"							
o-Xylene	ND	2.5	"							
Tert-amyl methyl ether	ND	10	"							
Tert-butyl alcohol	ND	25	"							
Di-isopropyl ether	ND	10	"							
Ethyl tert-butyl ether	ND	10	"							
Methyl tert-butyl ether	ND	10	"							
Acetone	ND	2.5	"							
Methyl ethyl ketone	ND	5.0	"							
Methyl isobutyl ketone	ND	5.0	"							
2-Hexanone (MBK)	ND	2.5	"							
Surrogate: 4-Bromofluorobenzene	47.0		"	50.0		94.1	81.9-128			
Surrogate: Dibromofluoromethane	59.1		"	50.0		118	73-126			
Surrogate: Toluene-d8	56.5		"	50.0		113	80.4-121			

SunStar Laboratories, Inc.

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Hazard Management Consulting, Inc.
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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

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 23C0062 - EPA 5030 GCMS

LCS (23C0062-BS1)

Prepared: 03/06/23 Analyzed: 03/08/23

Chlorobenzene	51.0	2.5	ug/kg	50.0		102	65.2-124			
1,1-Dichloroethene	59.4	2.5	"	50.0		119	60.9-131			
Trichloroethene	50.4	2.5	"	50.0		101	62.1-126			
Benzene	56.6	2.5	"	50.0		113	65.3-127			
Toluene	55.5	2.5	"	50.0		111	64.3-122			
Surrogate: 4-Bromofluorobenzene	46.4		"	50.0		92.8	81.9-128			
Surrogate: Dibromofluoromethane	55.4		"	50.0		111	73-126			
Surrogate: Toluene-d8	56.0		"	50.0		112	80.4-121			

Matrix Spike (23C0062-MS1)

Source: T230552-06

Prepared: 03/06/23 Analyzed: 03/08/23

Chlorobenzene	46.1	2.5	ug/kg	50.0	ND	92.2	65.2-125			
1,1-Dichloroethene	55.9	2.5	"	50.0	ND	112	60.9-131			
Trichloroethene	45.8	2.5	"	50.0	ND	91.6	62.1-126			
Benzene	53.4	2.5	"	50.0	1.35	104	65.3-127			
Toluene	49.7	2.5	"	50.0	0.360	98.8	64.3-125			
Surrogate: 4-Bromofluorobenzene	46.6		"	50.0		93.2	81.9-128			
Surrogate: Dibromofluoromethane	58.5		"	50.0		117	73-126			
Surrogate: Toluene-d8	56.2		"	50.0		112	80.4-121			

Matrix Spike Dup (23C0062-MSD1)

Source: T230552-06

Prepared: 03/06/23 Analyzed: 03/08/23

M-04

Chlorobenzene	43.4	2.5	ug/kg	50.0	ND	86.9	65.2-125	5.94	20	
1,1-Dichloroethene	54.4	2.5	"	50.0	ND	109	60.9-131	2.68	20	
Trichloroethene	43.2	2.5	"	50.0	ND	86.4	62.1-126	5.78	20	
Benzene	52.5	2.5	"	50.0	1.35	102	65.3-127	1.74	20	
Toluene	47.7	2.5	"	50.0	0.360	94.7	64.3-125	4.12	20	
Surrogate: 4-Bromofluorobenzene	47.0		"	50.0		94.1	81.9-128			
Surrogate: Dibromofluoromethane	59.7		"	50.0		119	73-126			
Surrogate: Toluene-d8	56.8		"	50.0		114	80.4-121			

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Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

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 23C0070 - EPA 5030 GCMS

Blank (23C0070-BLK1)

Prepared & Analyzed: 03/06/23

Bromobenzene	ND	2.5	ug/kg
Bromochloromethane	ND	2.5	"
Bromodichloromethane	ND	2.5	"
Bromoform	ND	2.5	"
Bromomethane	ND	2.5	"
n-Butylbenzene	ND	2.5	"
sec-Butylbenzene	ND	2.5	"
tert-Butylbenzene	ND	2.5	"
Carbon tetrachloride	ND	2.5	"
Chlorobenzene	ND	2.5	"
Chloroethane	ND	2.5	"
Chloroform	ND	2.5	"
Chloromethane	ND	2.5	"
2-Chlorotoluene	ND	2.5	"
4-Chlorotoluene	ND	2.5	"
Dibromochloromethane	ND	2.5	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane (EDB)	ND	2.5	"
Dibromomethane	ND	2.5	"
1,2-Dichlorobenzene	ND	2.5	"
1,3-Dichlorobenzene	ND	2.5	"
1,4-Dichlorobenzene	ND	2.5	"
Dichlorodifluoromethane	ND	2.5	"
1,1-Dichloroethane	ND	2.5	"
1,2-Dichloroethane	ND	2.5	"
1,1-Dichloroethene	ND	2.5	"
cis-1,2-Dichloroethene	ND	2.5	"
trans-1,2-Dichloroethene	ND	2.5	"
1,2-Dichloropropane	ND	2.5	"
1,3-Dichloropropane	ND	2.5	"
2,2-Dichloropropane	ND	2.5	"
1,1-Dichloropropene	ND	2.5	"
cis-1,3-Dichloropropene	ND	2.5	"
trans-1,3-Dichloropropene	ND	2.5	"
Hexachlorobutadiene	ND	2.5	"
Isopropylbenzene	ND	2.5	"

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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 23C0070 - EPA 5030 GCMS

Blank (23C0070-BLK1)

Prepared & Analyzed: 03/06/23

p-Isopropyltoluene	ND	2.5	ug/kg							
Methylene chloride	ND	10	"							
Naphthalene	ND	2.5	"							
n-Propylbenzene	ND	2.5	"							
Styrene	ND	2.5	"							
1,1,2,2-Tetrachloroethane	ND	2.5	"							
1,1,1,2-Tetrachloroethane	ND	2.5	"							
Tetrachloroethene	ND	2.5	"							
1,2,3-Trichlorobenzene	ND	2.5	"							
1,2,4-Trichlorobenzene	ND	2.5	"							
1,1,2-Trichloroethane	ND	2.5	"							
1,1,1-Trichloroethane	ND	2.5	"							
Trichloroethene	ND	2.5	"							
Trichlorofluoromethane	ND	2.5	"							
1,2,3-Trichloropropane	ND	2.5	"							
1,3,5-Trimethylbenzene	ND	2.5	"							
1,2,4-Trimethylbenzene	ND	2.5	"							
Vinyl chloride	ND	2.5	"							
Benzene	ND	2.5	"							
Toluene	ND	2.5	"							
Ethylbenzene	ND	2.5	"							
m,p-Xylene	ND	5.0	"							
o-Xylene	ND	2.5	"							
Tert-amyl methyl ether	ND	10	"							
Tert-butyl alcohol	ND	25	"							
Di-isopropyl ether	ND	10	"							
Ethyl tert-butyl ether	ND	10	"							
Methyl tert-butyl ether	ND	10	"							
Acetone	ND	2.5	"							
Methyl ethyl ketone	ND	5.0	"							
Methyl isobutyl ketone	ND	5.0	"							
2-Hexanone (MBK)	ND	2.5	"							
Surrogate: 4-Bromofluorobenzene	48.1		"	50.0		96.1	81.9-128			
Surrogate: Dibromofluoromethane	61.0		"	50.0		122	73-126			
Surrogate: Toluene-d8	54.0		"	50.0		108	80.4-121			

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 San Clemente CA, 92672

Project: 2720 S. Willow Ave
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 03/10/23 15:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 23C0070 - EPA 5030 GCMS

LCS (23C0070-BS1)

Prepared & Analyzed: 03/06/23

Chlorobenzene	53.9	2.5	ug/kg	50.0		108	65.2-124			
1,1-Dichloroethene	49.0	2.5	"	50.0		97.9	60.9-131			
Trichloroethene	46.2	2.5	"	50.0		92.4	62.1-126			
Benzene	52.4	2.5	"	50.0		105	65.3-127			
Toluene	49.6	2.5	"	50.0		99.2	64.3-122			
Surrogate: 4-Bromofluorobenzene	43.0		"	50.0		86.0	81.9-128			
Surrogate: Dibromofluoromethane	37.5		"	50.0		75.0	73-126			
Surrogate: Toluene-d8	34.0		"	50.0		68.0	80.4-121			S-GC

Matrix Spike (23C0070-MS1)

Source: T230555-11

Prepared & Analyzed: 03/06/23

Chlorobenzene	47.4	2.5	ug/kg	50.0	ND	94.7	65.2-125			
1,1-Dichloroethene	56.0	2.5	"	50.0	ND	112	60.9-131			
Trichloroethene	55.0	2.5	"	50.0	ND	110	62.1-126			
Benzene	63.6	2.5	"	50.0	ND	127	65.3-127			
Toluene	59.9	2.5	"	50.0	ND	120	64.3-125			
Surrogate: 4-Bromofluorobenzene	52.9		"	50.0		106	81.9-128			
Surrogate: Dibromofluoromethane	54.6		"	50.0		109	73-126			
Surrogate: Toluene-d8	56.6		"	50.0		113	80.4-121			

Matrix Spike Dup (23C0070-MSD1)

Source: T230555-11

Prepared & Analyzed: 03/06/23

Chlorobenzene	54.8	2.5	ug/kg	50.0	ND	110	65.2-125	14.7	20	
1,1-Dichloroethene	64.9	2.5	"	50.0	ND	130	60.9-131	14.6	20	
Trichloroethene	64.7	2.5	"	50.0	ND	129	62.1-126	16.3	20	QM-07
Benzene	72.8	2.5	"	50.0	ND	146	65.3-127	13.6	20	QM-07
Toluene	68.8	2.5	"	50.0	ND	138	64.3-125	13.9	20	QM-07
Surrogate: 4-Bromofluorobenzene	53.4		"	50.0		107	81.9-128			
Surrogate: Dibromofluoromethane	55.1		"	50.0		110	73-126			
Surrogate: Toluene-d8	56.4		"	50.0		113	80.4-121			

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Hazard Management Consulting, Inc.
211 West Avenida Cordoba, Suite 200
San Clemente CA, 92672

Project: 2720 S. Willow Ave
Project Number: [none]
Project Manager: Gage Costales

Reported:
03/10/23 15:52

Notes and Definitions

- S-GC Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
- QM-07 The spike recovery and or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- M-04 Multiple analysis yielded low internal standard/or surrogate recoveries due to matrix effect. Low internal standard results may cause a potential high bias in sample results.
- 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



SunStar Laboratories, Inc.

Chain of Custody Record

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

Client: HAFARD Management Consulting, Inc.

Address: 211 Avenida Cordoba, San Clemente, CA

Phone: 949 361 3402

Project Manager: Gary Costales

Date: 3/6/23

Project Name: 2720 S. Willow Ave.

Collector: Gary Costales

Batch #: T230555

Page: 1 of 1

Client Project #:

EDF #:

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	Total # of containers	Chain of Custody seals Y/N/A	Seals intact? Y/N/A	Received good condition/cold	Notes	
01	SB-1-5	3/6	0840	Soil	FUEL	X	X						X	X			12	N/A	N/A		
02	SB-2-5		0848			X	X						X	X			11	N/A	N/A		
03	SB-3-5		0903			X	X						X	X			10	N/A	N/A		
04	SB-4-5		0916			X	X						X	X			11	N/A	N/A		
05	SB-5-5		0925			X	X						X	X			10	N/A	N/A		
06	SB-6-5		0934			X	X						X	X			11	N/A	N/A		
07	SB-7-5		0943			X	X						X	X			10	N/A	N/A		
08	SB-8-5		0952			X	X						X	X			11	N/A	N/A		
09	SB-9-5		1001			X	X						X	X			10	N/A	N/A		
10	SB-10-5		1011			X	X						X	X			11	N/A	N/A		
11	SB-11-5		1021			X	X						X	X			11	N/A	N/A		
12	SB-12-5		1030			X	X						X	X			12	N/A	N/A		
Relinquished by: (signature)		Date / Time	Received by: (signature)	Date / Time	Received by: (signature)	Date / Time	Total # of containers										Chain of Custody seals Y/N/A	Seals intact? Y/N/A	Received good condition/cold	Notes	
<u>[Signature]</u>		3/6/23 1143	<u>[Signature]</u>	3/6/23 11:43	<u>[Signature]</u>												N/A	N/A			
Relinquished by: (signature)		Date / Time	Received by: (signature)	Date / Time	Received by: (signature)	Date / Time	Turn around time: <u>Standard</u>														
<u>[Signature]</u>			<u>[Signature]</u>		<u>[Signature]</u>																

Sample disposal Instructions: Disposal @ \$2.00 each

Return to client

Pickup



SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T230555
Client Name: Hazard Management Consulting Project: 2720 S. Willow Ave.

Delivered by: Client SunStar Courier GLS FedEx Other

If Courier, Received by: _____ Date/Time Courier Received: _____
Lab Received by: Paul Date/Time Lab Received: 3/6/23 11:43

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 8/2/23

Temperature: Cooler #1	<u>4.8</u> °C +/- the CF (+ 0.1°C) =	<u>4.9</u> °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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If NO:		<input type="checkbox"/> No → Complete Non-Conformance Sheet
Samples received on ice?	<input type="checkbox"/> Yes	<input type="checkbox"/> No → Complete Non-Conformance Sheet
If on ice, samples received same day collected?	<input 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: PB 3/6/23

Comments: _____

WORK ORDER

T230555

Client: Hazard Management Consulting, Inc.
Project: 2720 S. Willow Ave

Project Manager: Joann Marroquin
Project Number: [none]

Report To:

Hazard Management Consulting, Inc.
 Gage Costales
 211 West Avenida Cordoba, Suite 200
 San Clemente, CA 92672

Date Due: 03/13/23 17:00 (5 day TAT)

Received By: Paul Berner

Date Received: 03/06/23 11:43

Logged In By: Jeff Lee

Date Logged In: 03/06/23 12:11

Samples Received at: **4.9°C**

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

Analysis	Due	TAT	Expires	Comments
----------	-----	-----	---------	----------

T230555-01 SB-1-5 [Soil] Sampled 03/06/23 08:40 (GMT-08:00) Pacific Time (US &

6010 Title 22	03/13/23 15:00	5	09/02/23 08:40	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 08:40	
8260+OXY	03/09/23 15:00	3	03/20/23 08:40	

T230555-02 SB-2-5 [Soil] Sampled 03/06/23 08:48 (GMT-08:00) Pacific Time (US &

6010 Title 22	03/13/23 15:00	5	09/02/23 08:48	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 08:48	
8260+OXY	03/09/23 15:00	3	03/20/23 08:48	

T230555-03 SB-3-5 [Soil] Sampled 03/06/23 09:03 (GMT-08:00) Pacific Time (US &

6010 Title 22	03/13/23 15:00	5	09/02/23 09:03	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 09:03	
8260+OXY	03/09/23 15:00	3	03/20/23 09:03	

T230555-04 SB-4-5 [Soil] Sampled 03/06/23 09:16 (GMT-08:00) Pacific Time (US &

6010 Title 22	03/13/23 15:00	5	09/02/23 09:16	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 09:16	
8260+OXY	03/09/23 15:00	3	03/20/23 09:16	

WORK ORDER

T230555

Client: Hazard Management Consulting, Inc.
Project: 2720 S. Willow Ave

Project Manager: Joann Marroquin
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T230555-05 SB-5-5 [Soil] Sampled 03/06/23 09:25 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 09:25	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 09:25	
8260+OXY	03/09/23 15:00	3	03/20/23 09:25	
T230555-06 SB-6-5 [Soil] Sampled 03/06/23 09:34 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 09:34	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 09:34	
8260+OXY	03/09/23 15:00	3	03/20/23 09:34	
T230555-07 SB-7-5 [Soil] Sampled 03/06/23 09:43 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 09:43	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 09:43	
8260+OXY	03/09/23 15:00	3	03/20/23 09:43	
T230555-08 SB-8-5 [Soil] Sampled 03/06/23 09:52 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 09:52	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 09:52	
8260+OXY	03/09/23 15:00	3	03/20/23 09:52	
T230555-09 SB-9-5 [Soil] Sampled 03/06/23 10:01 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 10:01	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 10:01	
8260+OXY	03/09/23 15:00	3	03/20/23 10:01	
T230555-10 SB-10-5 [Soil] Sampled 03/06/23 10:11 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 10:11	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 10:11	
8260+OXY	03/09/23 15:00	3	03/20/23 10:11	
T230555-11 SB-11-5 [Soil] Sampled 03/06/23 10:21 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 10:21	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 10:21	
8260+OXY	03/09/23 15:00	3	03/20/23 10:21	

WORK ORDER

T230555

Client: Hazard Management Consulting, Inc.
Project: 2720 S. Willow Ave

Project Manager: Joann Marroquin
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T230555-12 SB-12-5 [Soil] Sampled 03/06/23 10:30 (GMT-08:00) Pacific Time (US &				
6010 Title 22	03/13/23 15:00	5	09/02/23 10:30	
8015 Carbon Chain	03/09/23 15:00	3	03/20/23 10:30	
8260+OXY	03/09/23 15:00	3	03/20/23 10:30	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg



714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

13 March 2023

Gage Costales
Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Re: 2720 S. Willow Ave

Enclosed are the results of analyses for samples received by the laboratory on 03/07/23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Colby Wakeman".

Colby Wakeman
Lab Director



Hazard Management Consulting 211 Avenida Cordoba San Clemente, CA 92672	Project: 2720 S. Willow Ave Project Number: Project Manager: Gage Costales	Reported 03/13/23 6:45
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-12-5	JEI230529-01	Soil Gas	03/07/2023 09:45	03/07/2023 06:27
SV-11-5	JEI230529-02	Soil Gas	03/07/2023 09:58	03/07/2023 06:27
SV-10-5	JEI230529-03	Soil Gas	03/07/2023 10:18	03/07/2023 06:27
SV-10-5 REP	JEI230529-04	Soil Gas	03/07/2023 10:33	03/07/2023 06:27
SV-9-5	JEI230529-05	Soil Gas	03/07/2023 10:51	03/07/2023 06:27
SV-8-5	JEI230529-06	Soil Gas	03/07/2023 11:11	03/07/2023 06:27
SV-7-5	JEI230529-07	Soil Gas	03/07/2023 11:32	03/07/2023 06:27
SV-6-5	JEI230529-08	Soil Gas	03/07/2023 11:46	03/07/2023 06:27
SV-5-5	JEI230529-09	Soil Gas	03/07/2023 12:05	03/07/2023 06:27
SV-4-5	JEI230529-10	Soil Gas	03/07/2023 12:21	03/07/2023 06:27
SV-3-5	JEI230529-11	Soil Gas	03/07/2023 12:40	03/07/2023 06:27
SV-2-5	JEI230529-12	Soil Gas	03/07/2023 12:55	03/07/2023 06:27
SV-1-5	JEI230529-13	Soil Gas	03/07/2023 13:13	03/07/2023 06:27

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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

Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

DETECTIONS SUMMARY

Sample ID: SV-12-5

Laboratory ID: JEI230529-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	18.0	0.5	µg/m3	EPA 8260	
Freon 12	8	5	µg/m3	EPA 8260	
Ethylbenzene	8	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	
n-Propylbenzene	2	2	µg/m3	EPA 8260	
Styrene	25	2	µg/m3	EPA 8260	
Toluene	200	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	4	2	µg/m3	EPA 8260	
m,p-Xylene	22	5	µg/m3	EPA 8260	

Sample ID: SV-11-5

Laboratory ID: JEI230529-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	12.0	0.5	µg/m3	EPA 8260	
Bromodichloromethane	2	2	µg/m3	EPA 8260	
Chloroform	26	2	µg/m3	EPA 8260	
Freon 12	12	5	µg/m3	EPA 8260	
Freon 11	11	5	µg/m3	EPA 8260	
Freon 113	23	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	2	1	µg/m3	EPA 8260	
Ethylbenzene	11	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	
4-Isopropyltoluene	3	2	µg/m3	EPA 8260	
n-Propylbenzene	4	2	µg/m3	EPA 8260	
Styrene	83	2	µg/m3	EPA 8260	
Tetrachloroethene	17	5	µg/m3	EPA 8260	
Toluene	85	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	12	2	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

DETECTIONS SUMMARY

Sample ID: SV-11-5

Laboratory ID: JEI230529-02

Analyte	Result	Reporting Limit	Units	Method	Notes
1,3,5-Trimethylbenzene	5	2	µg/m3	EPA 8260	
m,p-Xylene	38	5	µg/m3	EPA 8260	

Sample ID: SV-10-5

Laboratory ID: JEI230529-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	14.0	0.5	µg/m3	EPA 8260	
Freon 12	9	5	µg/m3	EPA 8260	
Freon 11	7	5	µg/m3	EPA 8260	
Freon 113	7	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	1	1	µg/m3	EPA 8260	
Ethylbenzene	6	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	
n-Propylbenzene	3	2	µg/m3	EPA 8260	
Styrene	40	2	µg/m3	EPA 8260	
Toluene	40	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	4	2	µg/m3	EPA 8260	
m,p-Xylene	17	5	µg/m3	EPA 8260	

Sample ID: SV-10-5 REP

Laboratory ID: JEI230529-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	14.0	0.5	µg/m3	EPA 8260	
Freon 12	8	5	µg/m3	EPA 8260	
Freon 11	7	5	µg/m3	EPA 8260	
Freon 113	7	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	2	1	µg/m3	EPA 8260	
Ethylbenzene	6	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

DETECTIONS SUMMARY

Sample ID: SV-10-5 REP

Laboratory ID: JEI230529-04

Analyte	Result	Reporting Limit	Units	Method	Notes
n-Propylbenzene	2	2	µg/m3	EPA 8260	
Styrene	40	2	µg/m3	EPA 8260	
Toluene	42	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	4	2	µg/m3	EPA 8260	
m,p-Xylene	16	5	µg/m3	EPA 8260	

Sample ID: SV-9-5

Laboratory ID: JEI230529-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	1.9	0.5	µg/m3	EPA 8260	
Freon 12	6	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	1	1	µg/m3	EPA 8260	
Ethylbenzene	4	2	µg/m3	EPA 8260	
Isopropylbenzene	2	2	µg/m3	EPA 8260	
Styrene	14	2	µg/m3	EPA 8260	
Toluene	17	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	4	2	µg/m3	EPA 8260	
m,p-Xylene	12	5	µg/m3	EPA 8260	

Sample ID: SV-8-5

Laboratory ID: JEI230529-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	28.0	0.5	µg/m3	EPA 8260	
Freon 12	7	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	2	1	µg/m3	EPA 8260	
Ethylbenzene	46	2	µg/m3	EPA 8260	
Isopropylbenzene	10	2	µg/m3	EPA 8260	
4-Isopropyltoluene	24	2	µg/m3	EPA 8260	
n-Propylbenzene	12	2	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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

Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

DETECTIONS SUMMARY

Sample ID: SV-8-5

Laboratory ID: JEI230529-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Styrene	39	2	µg/m3	EPA 8260	
Toluene	620	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	55	2	µg/m3	EPA 8260	
1,3,5-Trimethylbenzene	19	2	µg/m3	EPA 8260	
m,p-Xylene	170	5	µg/m3	EPA 8260	
tert-Butylalcohol	1000	25	µg/m3	EPA 8260	
Gasoline Range Organics (C4-C12)	5100	2000	µg/m3	EPA 8260	

Sample ID: SV-7-5

Laboratory ID: JEI230529-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	28.0	0.5	µg/m3	EPA 8260	
Freon 12	7	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	2	1	µg/m3	EPA 8260	
Ethylbenzene	23	2	µg/m3	EPA 8260	
Isopropylbenzene	7	2	µg/m3	EPA 8260	
4-Isopropyltoluene	20	2	µg/m3	EPA 8260	
n-Propylbenzene	7	2	µg/m3	EPA 8260	
Styrene	38	2	µg/m3	EPA 8260	
Toluene	160	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	30	2	µg/m3	EPA 8260	
1,3,5-Trimethylbenzene	10	2	µg/m3	EPA 8260	
m,p-Xylene	81	5	µg/m3	EPA 8260	
tert-Butylalcohol	790	25	µg/m3	EPA 8260	

Sample ID: SV-6-5

Laboratory ID: JEI230529-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	3.6	0.5	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

DETECTIONS SUMMARY

Sample ID: SV-6-5

Laboratory ID: JEI230529-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 12	13	5	µg/m3	EPA 8260	
Ethylbenzene	6	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	
n-Propylbenzene	3	2	µg/m3	EPA 8260	
Styrene	20	2	µg/m3	EPA 8260	
Toluene	24	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	5	2	µg/m3	EPA 8260	
m,p-Xylene	16	5	µg/m3	EPA 8260	
tert-Butylalcohol	570	25	µg/m3	EPA 8260	

Sample ID: SV-5-5

Laboratory ID: JEI230529-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	7.3	0.5	µg/m3	EPA 8260	
Freon 12	15	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	1	1	µg/m3	EPA 8260	
Ethylbenzene	7	2	µg/m3	EPA 8260	
Isopropylbenzene	4	2	µg/m3	EPA 8260	
n-Propylbenzene	4	2	µg/m3	EPA 8260	
Styrene	19	2	µg/m3	EPA 8260	
Toluene	28	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	6	2	µg/m3	EPA 8260	
m,p-Xylene	17	5	µg/m3	EPA 8260	
tert-Butylalcohol	890	25	µg/m3	EPA 8260	

Sample ID: SV-4-5

Laboratory ID: JEI230529-10

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	4.6	0.5	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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

Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

DETECTIONS SUMMARY

Sample ID: SV-4-5

Laboratory ID: JEI230529-10

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 12	19	5	µg/m3	EPA 8260	
cis-1,2-Dichloroethene	1	1	µg/m3	EPA 8260	
Ethylbenzene	5	2	µg/m3	EPA 8260	
Styrene	22	2	µg/m3	EPA 8260	
Toluene	32	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	4	2	µg/m3	EPA 8260	
m,p-Xylene	15	5	µg/m3	EPA 8260	
tert-Butylalcohol	2500	25	µg/m3	EPA 8260	

Sample ID: SV-3-5

Laboratory ID: JEI230529-11

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	2.9	0.5	µg/m3	EPA 8260	
Freon 12	19	5	µg/m3	EPA 8260	
Ethylbenzene	7	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	
4-Isopropyltoluene	2	2	µg/m3	EPA 8260	
n-Propylbenzene	3	2	µg/m3	EPA 8260	
Styrene	15	2	µg/m3	EPA 8260	
Toluene	30	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	5	2	µg/m3	EPA 8260	
m,p-Xylene	20	5	µg/m3	EPA 8260	
tert-Butylalcohol	3000	25	µg/m3	EPA 8260	

Sample ID: SV-2-5

Laboratory ID: JEI230529-12

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	5.0	0.5	µg/m3	EPA 8260	
Freon 12	23	5	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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

Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

DETECTIONS SUMMARY

Sample ID: SV-2-5

Laboratory ID: JEI230529-12

Analyte	Result	Reporting Limit	Units	Method	Notes
Ethylbenzene	11	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	
4-Isopropyltoluene	3	2	µg/m3	EPA 8260	
n-Propylbenzene	3	2	µg/m3	EPA 8260	
Styrene	16	2	µg/m3	EPA 8260	
Toluene	220	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	7	2	µg/m3	EPA 8260	
1,3,5-Trimethylbenzene	2	2	µg/m3	EPA 8260	
m,p-Xylene	36	5	µg/m3	EPA 8260	
tert-Butylalcohol	1300	25	µg/m3	EPA 8260	

Sample ID: SV-1-5

Laboratory ID: JEI230529-13

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	4.9	0.5	µg/m3	EPA 8260	
Freon 12	14	5	µg/m3	EPA 8260	
Ethylbenzene	15	2	µg/m3	EPA 8260	
Isopropylbenzene	3	2	µg/m3	EPA 8260	
n-Propylbenzene	3	2	µg/m3	EPA 8260	
Styrene	15	2	µg/m3	EPA 8260	
Toluene	410	5	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	4	2	µg/m3	EPA 8260	
m,p-Xylene	51	5	µg/m3	EPA 8260	
tert-Butylalcohol	440	25	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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

Hazard Management Consulting
 211 Avenida Cordoba
 San Clemente, CA 92672

Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-12-5
 JEI230529-01(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	18.0	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	8	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	8	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	2	2	µg/m3	"	"		"	"	
Styrene	25	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	200	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	4	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-12-5
JEI230529-01(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	22	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>101.98 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>87.29 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104.95 %</i>	<i>60 - 140</i>							

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Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-11-5
 JEI230529-02(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	12.0	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	2	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	26	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	12	5	µg/m3	"	"		"	"	
Freon 11	11	5	µg/m3	"	"		"	"	
Freon 113	23	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	2	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	11	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	3	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	4	2	µg/m3	"	"		"	"	
Styrene	83	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	17	5	µg/m3	"	"		"	"	
Toluene	85	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	12	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	5	2	µg/m3	"	"		"	"	

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Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-11-5
JEI230529-02(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	38	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>99.48 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>92.52 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>106.27 %</i>	<i>60 - 140</i>							

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Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-10-5
 JEI230529-03(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	14.0	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	9	5	µg/m3	"	"		"	"	
Freon 11	7	5	µg/m3	"	"		"	"	
Freon 113	7	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	1	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	6	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	3	2	µg/m3	"	"		"	"	
Styrene	40	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	40	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	4	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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Reported
 03/13/23 6:45

SV-10-5
 JEI230529-03(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	17	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>101.96 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>87.00 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105.96 %</i>	<i>60 - 140</i>							

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Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-10-5 REP
JEI230529-04(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	14.0	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	8	5	µg/m3	"	"		"	"	
Freon 11	7	5	µg/m3	"	"		"	"	
Freon 113	7	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	2	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	6	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	2	2	µg/m3	"	"		"	"	
Styrene	40	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	42	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	4	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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 03/13/23 6:45

SV-10-5 REP
 JEI230529-04(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	16	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>103.60 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>86.68 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104.99 %</i>	<i>60 - 140</i>							

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Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-9-5
JEI230529-05(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	1.9	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	6	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	1	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	4	2	µg/m3	"	"		"	"	
Isopropylbenzene	2	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	ND	2	µg/m3	"	"		"	"	
Styrene	14	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	17	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	4	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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Lab Director

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-9-5
JEI230529-05(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	12	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>97.14 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>89.52 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102.80 %</i>	<i>60 - 140</i>							

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Hazard Management Consulting
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 San Clemente, CA 92672

Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-8-5
 JEI230529-06(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	28.0	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	7	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	2	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	46	2	µg/m3	"	"		"	"	
Isopropylbenzene	10	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	24	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	12	2	µg/m3	"	"		"	"	
Styrene	39	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	620	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	55	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	19	2	µg/m3	"	"		"	"	

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-8-5
JEI230529-06(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	170	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	1000	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	5100	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	

Surrogate: Toluene-d8 105.18 % 60 - 140
Surrogate: Dibromofluoromethane 85.87 % 60 - 140
Surrogate: 4-Bromofluorobenzene 109.89 % 60 - 140

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Hazard Management Consulting
 211 Avenida Cordoba
 San Clemente, CA 92672

Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-7-5
 JEI230529-07(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	28.0	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	7	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	2	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	23	2	µg/m3	"	"		"	"	
Isopropylbenzene	7	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	20	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	7	2	µg/m3	"	"		"	"	
Styrene	38	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	160	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	30	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	10	2	µg/m3	"	"		"	"	

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Hazard Management Consulting
 211 Avenida Cordoba
 San Clemente, CA 92672

Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-7-5
 JEI230529-07(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	81	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	790	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	

Surrogate: Toluene-d8 105.51 % 60 - 140
Surrogate: Dibromofluoromethane 84.20 % 60 - 140
Surrogate: 4-Bromofluorobenzene 109.57 % 60 - 140

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-6-5
JEI230529-08(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	3.6	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	13	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	6	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	3	2	µg/m3	"	"		"	"	
Styrene	20	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	24	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	5	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-6-5
JEI230529-08(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	16	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	570	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>102.33 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>91.06 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104.91 %</i>	<i>60 - 140</i>							

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Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-5-5
 JEI230529-09(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	7.3	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	15	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	1	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	7	2	µg/m3	"	"		"	"	
Isopropylbenzene	4	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	4	2	µg/m3	"	"		"	"	
Styrene	19	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	28	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	6	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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 Lab Director

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-5-5
JEI230529-09(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	17	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	890	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	

Surrogate: Toluene-d8 100.47 % 60 - 140
Surrogate: Dibromofluoromethane 87.34 % 60 - 140
Surrogate: 4-Bromofluorobenzene 103.12 % 60 - 140

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Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-4-5
 JEI230529-10(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	4.6	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	19	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	1	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	5	2	µg/m3	"	"		"	"	
Isopropylbenzene	ND	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	ND	2	µg/m3	"	"		"	"	
Styrene	22	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	32	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	4	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-4-5
JEI230529-10(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	15	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	2500	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>102.51 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>88.52 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102.93 %</i>	<i>60 - 140</i>							

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211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-3-5
JEI230529-11(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	2.9	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	19	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	7	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	2	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	3	2	µg/m3	"	"		"	"	
Styrene	15	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	30	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	5	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-3-5
 JEI230529-11(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	20	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	3000	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	

Surrogate: Toluene-d8 101.99 % 60 - 140
Surrogate: Dibromofluoromethane 89.95 % 60 - 140
Surrogate: 4-Bromofluorobenzene 102.03 % 60 - 140

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 San Clemente, CA 92672

Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-2-5
 JEI230529-12(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	5.0	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	23	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	11	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	3	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	3	2	µg/m3	"	"		"	"	
Styrene	16	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	220	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	7	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	2	2	µg/m3	"	"		"	"	

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Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-2-5
JEI230529-12(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 8260

Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	36	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	1300	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	

Surrogate: Toluene-d8 101.43 % 60 - 140
Surrogate: Dibromofluoromethane 90.83 % 60 - 140
Surrogate: 4-Bromofluorobenzene 107.92 % 60 - 140

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Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

SV-I-5
 JEI230529-13(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Benzene	4.9	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"		"	"	
Bromoform	ND	2	µg/m3	"	"		"	"	
n-Butylbenzene	ND	5	µg/m3	"	"		"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"		"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"		"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"		"	"	
Chlorobenzene	ND	2	µg/m3	"	"		"	"	
Chloroform	ND	2	µg/m3	"	"		"	"	
Dibromochloromethane	ND	2	µg/m3	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"		"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"		"	"	
Freon 12	14	5	µg/m3	"	"		"	"	
Freon 11	ND	5	µg/m3	"	"		"	"	
Freon 113	ND	5	µg/m3	"	"		"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"		"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"		"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"		"	"	
Ethylbenzene	15	2	µg/m3	"	"		"	"	
Isopropylbenzene	3	2	µg/m3	"	"		"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"		"	"	
Methylene chloride	ND	2	µg/m3	"	"		"	"	
Naphthalene	ND	2	µg/m3	"	"		"	"	
n-Propylbenzene	3	2	µg/m3	"	"		"	"	
Styrene	15	2	µg/m3	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1	µg/m3	"	"		"	"	
Tetrachloroethene	ND	5	µg/m3	"	"		"	"	
Toluene	410	5	µg/m3	"	"		"	"	
1,1,1-Trichloroethane	ND	2	µg/m3	"	"		"	"	
1,1,2-Trichloroethane	ND	2	µg/m3	"	"		"	"	
Trichloroethene	ND	5	µg/m3	"	"		"	"	
1,2,4-Trimethylbenzene	4	2	µg/m3	"	"		"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"		"	"	

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Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

Project: 2720 S. Willow Ave
Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

SV-I-5
JEI230529-13(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Vinyl chloride	ND	0.5	µg/m3	1	QC2303098		03/07/23	EPA 8260	
m,p-Xylene	51	5	µg/m3	"	"		"	"	
o-Xylene	ND	2	µg/m3	"	"		"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"		"	"	
Di-isopropylether	ND	5	µg/m3	"	"		"	"	
tert-amylmethylether	ND	5	µg/m3	"	"		"	"	
tert-Butylalcohol	440	25	µg/m3	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"		"	"	
n-Hexane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Pentane (LCC)	ND	50	µg/m3	"	"		"	"	
n-Heptane (LCC)	ND	50	µg/m3	"	"		"	"	
<i>Surrogate: Toluene-d8</i>	<i>99.79 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>	<i>91.95 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104.23 %</i>	<i>60 - 140</i>							

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 211 Avenida Cordoba
 San Clemente, CA 92672

Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
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Batch QC2303098 - EPA 8260

CCV 1

Benzene	10.0	0.5	%	10		101	80 - 120		120	
Chlorobenzene	10	2	%	10		103	80 - 120		120	
1,1-Dichloroethene	11	1	%	10		110	80 - 120		120	
cis-1,2-Dichloroethene	11	1	%	10		110	80 - 120		120	
Ethylbenzene	9	2	%	10		87	80 - 120		120	
Tetrachloroethene	10	5	%	10		95	80 - 120		120	
Toluene	11	5	%	10		111	80 - 120		120	
1,1,1-Trichloroethane	10	2	%	10		101	80 - 120		120	
Trichloroethene	10	5	%	10		102	80 - 120		120	
1,2,4-Trimethylbenzene	9	2	%	10		91	80 - 120		120	
Vinyl chloride	12.0	0.5	%	10		118	80 - 120		120	

LCS 1

Benzene	2.82	0.5	%	2.5		113	70 - 130			
Chlorobenzene	3.05	2	%	2.5		122	70 - 130			
1,1-Dichloroethene	3.18	1	%	2.5		127	60 - 140			
cis-1,2-Dichloroethene	3.09	1	%	2.5		124	70 - 130			
Ethylbenzene	2.49	2	%	2.5		100	70 - 130			
Tetrachloroethene	3.21	5	%	2.5		128	70 - 130			
Toluene	2.85	5	%	2.5		114	70 - 130			
1,1,1-Trichloroethane	2.61	2	%	2.5		104	70 - 130			
Trichloroethene	3.14	5	%	2.5		126	70 - 130			
1,2,4-Trimethylbenzene	2.30	2	%	2.5		92	70 - 130			
Vinyl chloride	2.29	0.5	%	2.5		92	60 - 140			

Surrogate: Toluene-d8 101.70 % 60 - 140
 Surrogate: Dibromofluoromethane 96.64 % 60 - 140
 Surrogate: 4-Bromofluorobenzene 106.03 % 60 - 140

LCSD 1

Benzene	2.84	0.5	%	2.5		114	70 - 130	0.74	130	
Chlorobenzene	2.79	2	%	2.5		111	70 - 130	8.89	130	

Jones Environmental, Inc.



Colby Wakeman
 Lab Director

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Hazard Management Consulting
 211 Avenida Cordoba
 San Clemente, CA 92672

Project: 2720 S. Willow Ave
 Project Number:
 Project Manager: Gage Costales

Reported
 03/13/23 6:45

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2303098 - EPA 8260										
LCSD 1										
1,1-Dichloroethene	3.14	1	%	2.5		126	60 - 140	1.15	140	
cis-1,2-Dichloroethene	3.08	1	%	2.5		123	70 - 130	0.34	130	
Ethylbenzene	2.20	2	%	2.5		88	70 - 130	12.42	130	
Tetrachloroethene	2.71	5	%	2.5		108	70 - 130	16.78	130	
Toluene	2.81	5	%	2.5		112	70 - 130	1.30	130	
1,1,1-Trichloroethane	2.67	2	%	2.5		107	70 - 130	2.53	130	
Trichloroethene	2.87	5	%	2.5		115	70 - 130	9.07	130	
1,2,4-Trimethylbenzene	2.02	2	%	2.5		81	70 - 130	12.96	130	
Vinyl chloride	2.22	0.5	%	2.5		89	60 - 140	2.96	140	

Surrogate: Toluene-d8 99.64 % 60 - 140
 Surrogate: Dibromofluoromethane 95.92 % 60 - 140
 Surrogate: 4-Bromofluorobenzene 103.68 % 60 - 140

Method Blank 1

Benzene	ND	0.5	µg/m3
Bromodichloromethane	ND	2	µg/m3
Bromoform	ND	2	µg/m3
n-Butylbenzene	ND	5	µg/m3
sec-Butylbenzene	ND	5	µg/m3
tert-Butylbenzene	ND	5	µg/m3
Carbon tetrachloride	ND	1	µg/m3
Chlorobenzene	ND	2	µg/m3
Chloroform	ND	2	µg/m3
Dibromochloromethane	ND	2	µg/m3
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3
1,2-Dichlorobenzene	ND	2	µg/m3
1,3-Dichlorobenzene	ND	2	µg/m3
1,4-Dichlorobenzene	ND	2	µg/m3
Freon 12	ND	5	µg/m3
Freon 11	ND	5	µg/m3
Freon 113	ND	5	µg/m3
1,1-Dichloroethane	ND	1	µg/m3
1,2-Dichloroethane	ND	1	µg/m3
1,1-Dichloroethene	ND	1	µg/m3
cis-1,2-Dichloroethene	ND	1	µg/m3
trans-1,2-Dichloroethene	ND	1	µg/m3

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Colby Wakeman
 Lab Director

Hazard Management Consulting
211 Avenida Cordoba
San Clemente, CA 92672

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Project Number:
Project Manager: Gage Costales

Reported
03/13/23 6:45

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2303098 - EPA 8260										
Method Blank 1										
Ethylbenzene	ND	2	µg/m3							
Isopropylbenzene	ND	2	µg/m3							
4-Isopropyltoluene	ND	2	µg/m3							
Methylene chloride	ND	2	µg/m3							
Naphthalene	ND	2	µg/m3							
n-Propylbenzene	ND	2	µg/m3							
Styrene	ND	2	µg/m3							
1,1,1,2-Tetrachloroethane	ND	1	µg/m3							
1,1,2,2-Tetrachloroethane	ND	1	µg/m3							
Tetrachloroethene	ND	5	µg/m3							
Toluene	ND	5	µg/m3							
1,1,1-Trichloroethane	ND	2	µg/m3							
1,1,2-Trichloroethane	ND	2	µg/m3							
Trichloroethene	ND	5	µg/m3							
1,2,4-Trimethylbenzene	ND	2	µg/m3							
1,3,5-Trimethylbenzene	ND	2	µg/m3							
Vinyl chloride	ND	0.5	µg/m3							
m,p-Xylene	ND	5	µg/m3							
o-Xylene	ND	2	µg/m3							
Methyl-tert-butylether	ND	5	µg/m3							
Ethyl-tert-butylether	ND	5	µg/m3							
Di-isopropylether	ND	5	µg/m3							
tert-amylmethylether	ND	5	µg/m3							
tert-Butylalcohol	ND	25	µg/m3							
Bromomethane	ND	25	µg/m3							
Chloroethane	ND	25	µg/m3							
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3							
n-Hexane (LCC)	ND	50	µg/m3							
n-Pentane (LCC)	ND	50	µg/m3							
n-Heptane (LCC)	ND	50	µg/m3							

Surrogate: Toluene-d8 101.89 % 60 - 140
 Surrogate: Dibromofluoromethane 100.81 % 60 - 140
 Surrogate: 4-Bromofluorobenzene 98.01 % 60 - 140

Sample Blank 1

Benzene	ND	0.5	µg/m3							
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Project: 2720 S. Willow Ave
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Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2303098 - EPA 8260										
Sample Blank 1										
Bromodichloromethane	ND	2	µg/m3							
Bromoform	ND	2	µg/m3							
n-Butylbenzene	ND	5	µg/m3							
sec-Butylbenzene	ND	5	µg/m3							
tert-Butylbenzene	ND	5	µg/m3							
Carbon tetrachloride	ND	1	µg/m3							
Chlorobenzene	ND	2	µg/m3							
Chloroform	ND	2	µg/m3							
Dibromochloromethane	ND	2	µg/m3							
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3							
1,2-Dichlorobenzene	ND	2	µg/m3							
1,3-Dichlorobenzene	ND	2	µg/m3							
1,4-Dichlorobenzene	ND	2	µg/m3							
Freon 12	ND	5	µg/m3							
Freon 11	ND	5	µg/m3							
Freon 113	ND	5	µg/m3							
1,1-Dichloroethane	ND	1	µg/m3							
1,2-Dichloroethane	ND	1	µg/m3							
1,1-Dichloroethene	ND	1	µg/m3							
cis-1,2-Dichloroethene	ND	1	µg/m3							
trans-1,2-Dichloroethene	ND	1	µg/m3							
Ethylbenzene	ND	2	µg/m3							
Isopropylbenzene	ND	2	µg/m3							
4-Isopropyltoluene	ND	2	µg/m3							
Methylene chloride	ND	2	µg/m3							
Naphthalene	ND	2	µg/m3							
n-Propylbenzene	ND	2	µg/m3							
Styrene	ND	2	µg/m3							
1,1,1,2-Tetrachloroethane	ND	1	µg/m3							
1,1,2,2-Tetrachloroethane	ND	1	µg/m3							
Tetrachloroethene	ND	5	µg/m3							
Toluene	ND	5	µg/m3							
1,1,1-Trichloroethane	ND	2	µg/m3							
1,1,2-Trichloroethane	ND	2	µg/m3							
Trichloroethene	ND	5	µg/m3							
1,2,4-Trimethylbenzene	ND	2	µg/m3							
1,3,5-Trimethylbenzene	ND	2	µg/m3							

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Lab Director

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
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Batch QC2303098 - EPA 8260

Sample Blank 1

Vinyl chloride	ND	0.5	µg/m3							
m,p-Xylene	ND	5	µg/m3							
o-Xylene	ND	2	µg/m3							
Methyl-tert-butylether	ND	5	µg/m3							
Ethyl-tert-butylether	ND	5	µg/m3							
Di-isopropylether	ND	5	µg/m3							
tert-amylmethylether	ND	5	µg/m3							
tert-Butylalcohol	ND	25	µg/m3							
Bromomethane	ND	25	µg/m3							
Chloroethane	ND	25	µg/m3							
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3							
n-Hexane (LCC)	ND	50	µg/m3							
n-Pentane (LCC)	ND	50	µg/m3							
n-Heptane (LCC)	ND	50	µg/m3							
<i>Surrogate: Toluene-d8</i>		<i>100.09 %</i>	<i>60 - 140</i>							
<i>Surrogate: Dibromofluoromethane</i>		<i>97.05 %</i>	<i>60 - 140</i>							
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>99.54 %</i>	<i>60 - 140</i>							

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San Clemente, CA 92672

Project: 2720 S. Willow Ave
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Reported
03/13/23 6:45

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- E Estimated Concentration; concentration exceeds calibration range.
- LCC Leak Check Compound
- I Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
- SMSR Sample matrix prevented adequate surrogate recovery.
- J Value less than PQL but greater than MDL

Jones Environmental, Inc.



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Lab Director

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11007 Forest Pl.
 Santa Fe Springs, CA 90670
 (714) 449-9937
 Fax (714) 449-9685
 www.jonesenv.com

Soil-Gas Chain-of-Custody Record

Client
Hazard Management Consultants

Project Name
2720 S. Willow Ave

Project Address
2720 S. Willow Ave

Bloomington, CA 92316

Email

Phone

Date
3/7/2023

Client Project #

Turn Around Requested
 Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab

Purge Number:
 1P 3P 7P 10P

Report Options
 EDD _____
 EDF* - 10% Surcharge _____

Shut-In Test: Y / N

*Global ID _____

LAB USE ONLY

Jones Project #
JEI230529

Page
1 of 2

Sample Container:
GASTIGHT GLASS SYRINGE

If different than above, see Notes.

Report To
Gage Costales

Sampler
Casey Ellis

Reporting Limits
 Standard ^{Units} **Low Level*** MDL* MDL* MDL*
 *surcharge for these limits **ug/m³**

Tracer
 n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Analysis Requested

Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
SV-12-5	3	2380	3/7/23	9:45	9:47	JEI230529-01	200	CASEY.1	118007	SG	X	X	<2	1	
SV-11-5	3	2380	3/7/23	9:58	10:03	JEI230529-02	200	CASEY.2	M100.107	SG	X	X	<2	1	
SV-10-5	3	2380	3/7/23	10:18	10:20	JEI230529-03	200	CASEY.1	M100.205	SG	X	X	<2	1	
SV-10-5 REP	-	-	3/7/23	10:33	10:38	JEI230529-04	-	-	M100.205	SG	X	X	<2	1	
SV-9-5	3	2380	3/7/23	10:51	10:55	JEI230529-05	200	CASEY.2	M100.300	SG	X	X	<2	1	
SV-8-5	3	2380	3/7/23	11:11	11:15	JEI230529-06	200	CASEY.1	118007	SG	X	X	<2	1	
SV-7-5	3	2380	3/7/23	11:32	11:33	JEI230529-07	200	CASEY.2	M100.107	SG	X	X	<2	1	
SV-6-5	3	2380	3/7/23	11:46	11:49	JEI230529-08	200	CASEY.1	M100.205	SG	X	X	<2	1	
SV-5-5	3	2380	3/7/23	12:05	12:08	JEI230529-09	200	CASEY.2	M100.300	SG	X	X	<2	1	
SV-4-5	3	2380	3/7/23	12:21	12:25	JEI230529-10	200	CASEY.1	118007	SG	X	X	<2	1	

Representative Signature

Printed Name
GAGE COSTALEES

Laboratory Signature

Printed Name
CASEY ELLIS

Company
HAZARD MANAGEMENT CONSULTANTS

Date
3/7/2023

Time
14:00

Company
JONES ENVIRONMENTAL, INC.

Date
3/7/2023

Time
14:00

Representative Signature

Printed Name

Company

Date

Time

Laboratory Signature

Printed Name

Company

Date

Time

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

