Appendix I

Phase II SIR

PHASE II SITE INVESTIGATION REPORT

Approximately 6.75-Acre Parking Lot Site
South of the Intersection of Lawrence Drive and Corporate Center Drive
Newbury Park, California 91320
Assessor Parcel Numbers (APNs): 667-0172-015, -025, & -035

Cruzan Properties-Investments, LLC
236 South Sierra Avenue, Suite 100
Solana Beach, California 92024
(858) 248-7171

SCS ENGINEERS

Project No. 01220228.00 T2 | November 23, 2020

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806
(562) 426-9544

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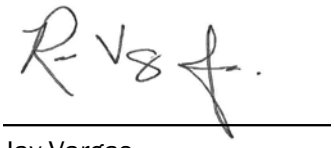
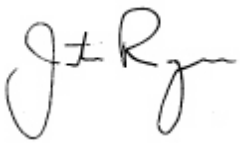
This Phase II Site Investigation Report dated November 23, 2020 for an approximately 6.75-acre parking lot site located southeast of the intersection of Lawrence Drive and Corporate Center Drive in Newbury Park, California, was prepared and reviewed by the following:



Jay Vargas
Associate Staff Scientist
SCS ENGINEERS



Justin Rauzon, REPA
Project Manager
SCS ENGINEERS

Jeffrey T. Sieg, PG
Project Manager
SCS ENGINEERS

DISCLAIMER

This report has been prepared for Cruzan Properties – Investments, LLC with specific application to a soil vapor investigation conducted at an approximately 6.75-acre parking lot site located southeast of the intersection of Lawrence Drive and Corporate Center Drive in Newbury Park, California. This report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, express or implied, is made as to the professional opinions presented herein. No other party, known or unknown to SCS Engineers, is intended as a beneficiary of this work product, its content or information embedded therein. Third parties use this report at their own risk.

Changes in site conditions may occur due to variation in rainfall, temperature, water usage, or other factors. Additional information that was not available to the consultant at the time of this investigation or changes that may occur on the site or in the surrounding area may result in modification to the site that would impact the summary and recommendations presented herein. This report is not a legal opinion.

1 INTRODUCTION

SCS Engineers (SCS) was retained by Cruzan Properties – Investments, LLC to conduct a soil vapor investigation at an approximately 6.75-acre parking lot site located southeast of the intersection of Lawrence Drive and Corporate Center Drive in Newbury Park, California (the "Property"). Investigation activities were conducted in accordance with SCS's proposal dated November 3, 2020 (Proposal No. 011040220). A map showing the location of the Property is provided as **Figure 1**.

2 GENERAL BACKGROUND

SCS prepared a Phase I Environmental Site Assessment (Phase I ESA) for the Property, dated November 2, 2020 (SCS Project No. 01220228.00). The Property is located southeast of the intersection of Lawrence Drive and Corporate Center Drive. It encompasses approximately 6.75 acres and is developed with an asphalt-paved parking lot and limited landscaping. The Property was undeveloped or agricultural land from the early-1900s until it was developed as a parking lot in the early-2000s.

Based on the findings of the Phase I ESA, no evidence of releases of hazardous substances or materials associated with activities conducted at the Property were identified. However, it was identified that regional groundwater, beneath and surrounding the Property, has been contaminated with volatile organic compounds (VOCs). Regulatory authorities have issued a concurrence that the Property is not a contributing source to the groundwater contamination.

We understand that Cruzan plans to redevelop the Property with a commercial or industrial building. Based on the planned change of use, SCS recommended additional investigation of soil vapor to evaluate the potential for vapor migration of VOCs off-gassing from groundwater.

3 PHYSICAL SETTING

PHYSIOGRAPHIC SETTING

According to the U.S. Geological Survey (USGS), Newbury Park, California 7.5-minute topographic maps, the Property is shown in an area that is situated between the Calleguas Mountain Ridge (to the north) and the Santa Monica Mountains (to the south). Site topography in the immediate Property vicinity slopes to the northeast. Further south of the Property, topography slopes generally to the south.

GEOLOGY AND SOILS

The Property is located in the Conejo Valley which is an alluvial valley bounded by hills composed of the Conejo Volcanics and marine sedimentary rocks of the Topanga Formation. Alluvial units consist of flat-lying sediments with the appearance of partially consolidated terrace deposits. Soils in this area generally consist of interbedded alluvial sands, silts, and clay.

GROUNDWATER

The Property is located within the Conejo Valley Groundwater Basin. In 1990, a Phase II investigation conducted at the Property and adjoining sites to the east encountered groundwater in a semi-confined aquifer approximately 55 to 85 feet below ground surface (bgs) (Chaparral, April 10, 1998). The thickness of the aquifer was not reported. Groundwater flow direction was reported to be towards the northeast at a gradient of approximately 0.006 feet per foot.

Based on a review of information on the State Water Resources Control Board (SWRCB) GeoTracker website for the former Northrop Aircraft Division site located at 1515 Rancho Conejo Boulevard (GeoTracker ID: SL204711661; north-northeast of the Property), first groundwater at the nearest well (MW-40A; 800 feet north of the Property) was encountered at a depth of 53 feet bgs. More than 100 groundwater wells have been installed to monitor remediation activities at the former Northrop site. Groundwater flow direction at the former Northrop site is to the northeast. At other nearby sites to the south of the Property, groundwater flow direction is easterly.

4 SITE INVESTIGATION AND ANALYTICAL RESULTS

SUBSURFACE UTILITIES CLEARANCE

As required by law, SCS marked areas of investigation and contacted Underground Service Alert prior to conducting any subsurface work (Dig Alert No. A203150177). On November 16, 2020, Goldak, Inc. of Sylmar, California conducted a geophysical survey using electromagnetic survey equipment to clear proposed boring locations of subsurface utilities and/or structures.

SOIL VAPOR SAMPLE COLLECTION

On November 16, 2020, under SCS' direction, H&P Mobile Geochemistry (H&P) of Carlsbad, California installed temporary soil vapor probes at 11 locations, designated SV1 through SV11. High vacuum was encountered in probes initially set at the 5-foot depth, therefore the temporary probes were installed at 7 feet bgs at all locations. Note that a soil vapor sample was not collected from probe SV-10 due to encountering no-flow and high vacuum, despite repeated attempts to reset the probe. Probe locations are depicted in **Figure 2**.

Vapor probes were installed using a direct-push drill rig. At each location, a steel rod was advanced to the target depth. The steel rod was then retracted and new (clean) 1/8-inch diameter Nylaflow tubing, with a polypropylene filter placed on the bottom end, was inserted to the desired depth. Clean #2/12 Monterey sand was placed in a 6-inch vertical interval around each filter and dry granular bentonite was placed approximately 6-inches above the sand pack. Hydrated bentonite was used to seal the annulus of the boring.

Soil vapor sampling was conducted in general accordance with the Advisory – Active Soil Gas Investigations, published by the California Environmental Protection Agency (CalEPA), Department of Toxic Substance Control (DTSC), Los Angeles Regional Water Quality Control Board (LARWQCB), and San Francisco Regional Water Quality Control Board (SFRWQCB) in July 2015 (the "Guidance"). Following a minimum equilibration period of 30 minutes, a shut-in test was conducted and then a leak-check compound (1,1-difluoroethane [1,1-DFA]) was placed at the surface while the tubing was purged to remove ambient air from the sampling system in order to ensure that the collected soil vapor sample was representative of subsurface conditions.

A total of 11 soil vapor samples (including one replicate sample from location SV2) were collected and analyzed for VOCs using Method H&P 8260SV, a modified version of EPA Method 8260B. The samples were collected into laboratory supplied, certified clean, 1-liter Summa canisters, which were properly labelled, recorded on a chain-of-custody form, and stored until delivery to the analytical laboratory. H&P is certified by the United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) to conduct the specified analysis. Chain-of custody documentation was completed to track the samples from the point of collection through analysis.

After all samples had been collected and the soil vapor analyses completed, the temporary probes were removed. Probe locations were backfilled with bentonite and patched to match the surrounding surface. No soil cuttings requiring disposal were generated during the field activities.

Soil Vapor Analytical Results

The H&P laboratory report, chain-of-custody documentation, and quality assurance/control (QA/QC) data are included in **Appendix A**. A summary of the soil vapor analytical results is presented in **Table 1**.

The leak-check compound was not detected in any of the soil vapor samples analyzed. As summarized in **Table 1**, five VOCs were detected in soil vapor:

- Benzene was detected in five sample locations at concentrations between 0.08 and 0.14 micrograms per liter (µg/L).
- Toluene was detected in nine sample locations at concentrations between 1.6 and 30 µg/L.
- Ethylbenzene was detected in probe SV-9 at a concentration of 0.54 µg/L.
- O-xylene was detected in probe SV-9 at a concentration of 0.59 µg/L.
- M,p-xylene was detected in six sample locations at concentrations between 0.61 and 2.2 µg/L.

5 DISCUSSION OF ANALYTICAL RESULTS AND REGULATORY LIMITS

VOCS IN SOIL VAPOR

The DTSC, Human and Ecological Risk Office (HERO) issued an updated Human Health Risk Assessment (HHRA) Note No. 3 in June 2020. In this Note, DTSC makes recommendations regarding the methodology and use of the U.S. EPA Regional Screening Levels (RSLs) and DTSC-modified screening levels (jointly referred to herein as "DTSC-Recommended SLs") for soil vapor screening under residential and commercial/industrial land use scenarios. The DTSC-Recommended SLs for evaluating soil vapor intrusion are calculated using indoor air screening levels and recommended attenuation factors. The values calculated using Note No. 3 recommendations are very conservative. Chemical concentrations in excess of the calculated DTSC-Recommended SLs are not conclusive evidence of adverse risks to human health. Depending on VOC concentrations and their distribution, additional investigation – such as sub-slab sampling, indoor air assessments, site-specific health risk assessments, etc. – may be warranted to further assess site-specific health risks.

The Property is currently utilized as an asphalt-paved parking lot, therefore vapor intrusion to habitable structures is not a current concern. However, SCS understands that future plans may include redevelopment of the Property for commercial purposes with structures that may be exposed to vapor intrusion risks, therefore, results of this investigation are compared to the DTSC-Recommended SLs for a future commercial/industrial land use scenario using an attenuation factor of 0.0005, as shown in **Table 1**.

As shown in **Table 1**, VOCs were not detected at concentrations above commercial/industrial DTSC-Recommended SLs for future industrial/commercial buildings.

In the latest update to HERO Note No. 3, DTSC also recommended that screening assessments include calculations of soil vapor screening levels using the U.S. EPA recommended attenuation factor of 0.03 (based on June 2015 guidance) for sub-slab soil gas and "near-source" exterior soil gas. Use of this attenuation factor was also in the Public Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion released by DTSC and the California Water Resources Control Boards in February 2020. Per these recommendations, **Table 1** also includes DTSC-Recommended SLs "near-source" exterior soil gas samples using an attenuation factor of 0.03. These attenuation factors result in extremely conservative screening levels.

As shown, using the 0.03 attenuation factor, benzene was detected in 5 samples at concentrations above its corresponding DTSC-Recommended SLs under a commercial/industrial land use scenario. Additionally, ethylbenzene was detected in probe SV-9 at a concentration above its corresponding DTSC-Recommended SL under a commercial/industrial land use scenario. Note that the attenuation factor of 0.03 is based on limited studies of primarily residential homes with degraded concrete/basements and is not necessarily applicable to all sites and investigations. This attenuation factor would not apply for new development.

6 CONCLUSIONS AND RECOMMENDATIONS

On November 16, 2020, SCS conducted a soil vapor investigation at the Property. During this investigation, five VOCs were detected in soil vapor. The concentrations of VOCs detected were generally spatially consistent throughout the Property, confirming that past activities have not contributed to subsurface impacts. Furthermore, the VOCs detected were at concentrations below applicable screening levels and do not represent a significant risk to human health associated with vapor intrusion into future buildings.

Based on the results of the investigation, SCS does not consider the regional groundwater contamination that has migrated beneath the Property to be vapor intrusion concern. At this time, further investigation is not recommended.

7 REFERENCES

California Department of Toxic Substances Control (DTSC), Office of Human and Ecological Risk (HERO), June 2020. *Human Health Risk Assessment (HHRA) Note Number 3*.

California Department of Toxic Substances Control (DTSC) and California Environmental Protection Agency (CalEPA), October 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance).*

California Department of Toxic Substances Control (DTSC) and California Water Resources Control Boards, February 2020. *Public Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion*.

California Environmental Protection Agency (CalEPA) and California Department of Toxic Substances Control (DTSC), July 2015. *Advisory – Active Soil Gas Investigations*.

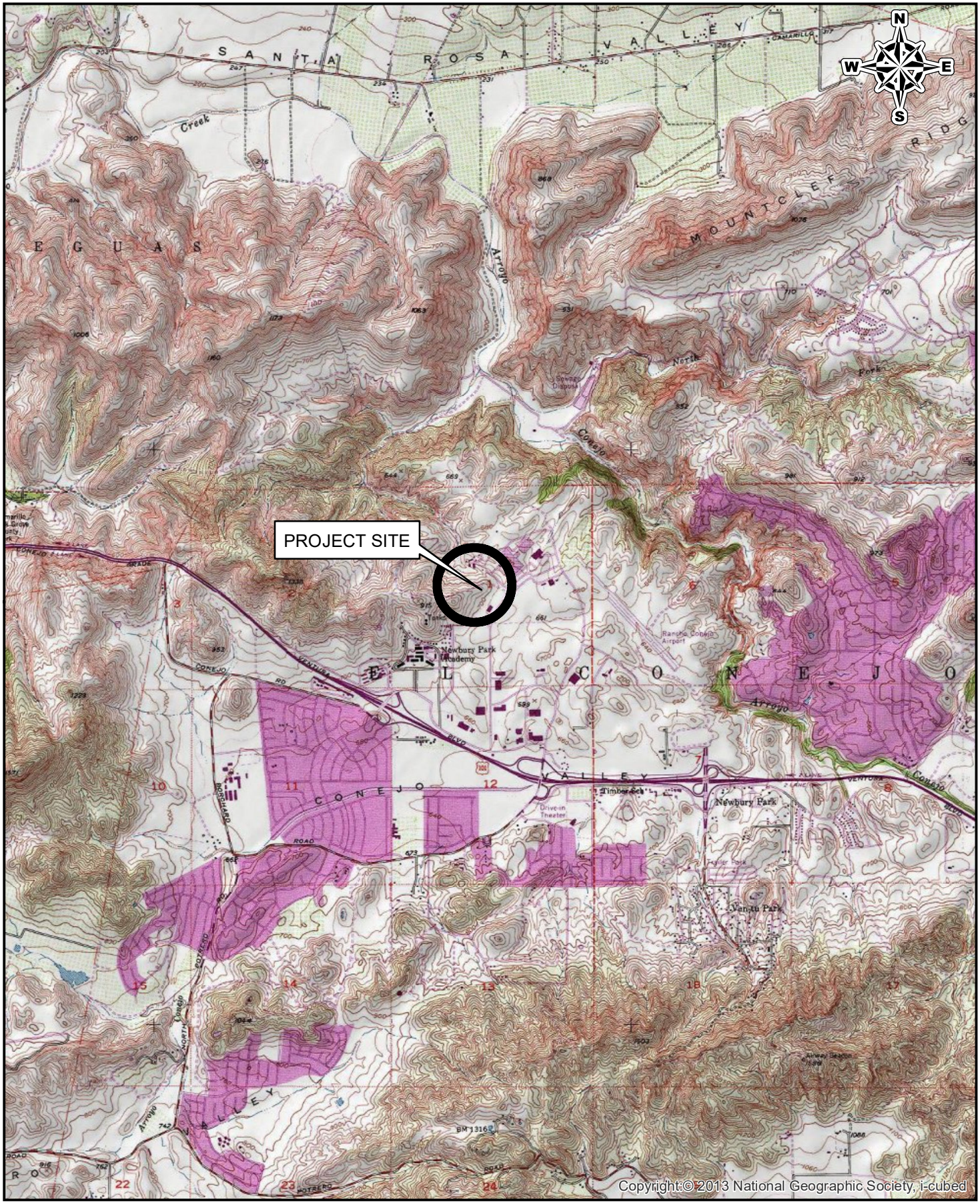
Los Angeles Regional Water Quality Control Board (LARWQCB). May 1996. *Interim Site Assessment and Cleanup Guidebook*.

SCS Engineers, November 2, 2020. *Phase I Environmental Site Assessment, Approximately 6.75-Acre Parking lot Site Located Southeast of the Intersection Between Lawrence Drive and Corporate Center Drive in Newbury Park, California 91320.*

U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, June 2015. *OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air*.

U.S. EPA, May 2020. *Regional Screening Level (RSL) Summary Table*.

Figures 1 and 2



0 1,000 2,000 4,000 Feet

SCS ENGINEERS 3900 KILROY AIRPORT WAY, SUITE 100 LONG BEACH, CALIFORNIA 90806	SITE: 6.75 ACRE SITE NEWBURY PARK, CA 91320	Job No.: 01220228.00 Title: SITE LOCATION MAP	FIGURE 1

LEGEND

PROPERTY LINE

SOIL VAPOR PROBE LOCATION

N

GRAPHIC SCALE

0 80 160

SCALE IN FEET

SHEET TITLE:
AERIAL IMAGE OF PROPERTY SHOWING SAMPLE LOCATIONS

PROJECT TITLE:
APPROXIMATELY 6.75-ACRE PARKING LOT SITE
SOUTHEAST OF THE INTERSECTION BETWEEN
LAWRENCE DRIVE AND CORPORATE CENTER DRIVE
NEWBURY PARK, CALIFORNIA 91320

CLIENT:
CRUZAN PROPERTIES-INVESTMENTS, LLC
236 SOUTH SIERRA AVENUE, SUITE 100
SOLANA BEACH, CALIFORNIA 92024

SCS ENGINEERS
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PROJ. NO.	01220228.00 T2	DSN. BY:	J.VARGAS
DWN. BY:	J.VARGAS	CHK. BY:	J.RAUZON
ACAD FILE	LONG BEACH	APP. BY:	J.RAUZON

DATE: NOVEMBER 2020

SCALE: 1" = 80'

FIGURE NO.
2

Table 1

TABLE 1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES
THREE PARCEL SITE
NEWBURY PARK, CALIFORNIA 91320

Sample Number (or Boring ID)	Sample Depth (feet bgs)	Sampling Date	Volatile Organic Compound (EPA Method 8260SV)				
			Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylene
			Micrograms per liter (µg/l)				
SV-1	7	11/16/20	**0.11**	<0.08	<0.4	<0.4	<0.4
SV-2	7		**0.14**	**18**	<0.4	<0.4	**0.93**
	7-REP		**0.13**	**14**	<0.4	<0.4	**0.80**
SV-3	7		<0.08	**5.1**	<0.4	<0.4	<0.4
SV-4	7		<0.08	**13**	<0.4	<0.4	**0.75**
SV-5	7		**0.082**	**13**	<0.4	<0.4	**0.94**
SV-6	7		<0.08	**18**	<0.4	<0.4	**1.2**
SV-7	7		<0.08	**3.1**	<0.4	<0.4	<0.4
SV-8	7		<0.08	**7.1**	<0.4	<0.4	**0.61**
SV-9	7		**0.096**	**30**	**0.54**	**0.59**	**2.2**
SV-10	--		--	--	--	--	--
SV-11	7		**0.10**	**1.6**	<0.4	<0.4	<0.4
DTSC-Recommended SL (Future Commercial/Industrial) - AF 0.0005			0.84	2,600	9.8	880	880
DTSC-Recommended SL (Commercial/Industrial) - AF 0.03			0.014	43	0.16	15	15

Notes:

bgs = below ground surface

DTSC-Recommended SL = Screening Level for 5-foot samples as recommended in California Department of Toxic Substances Control (DTSC), Office of Human and Ecological Risk (HERO), Human Health Risk Assessment (HHRA) Note No. 3 - Commercial/industrial land use scenarios at an existing and future building (June 2020, Referencing U.S. Environmental Protection Agency Regional Screening Level Reference Summary Table - May 2020).

-- = Sample could not be collected due to no-flow, high vacuum conditions.
Three purge volumes were used for all sampling points.
AF = Attenuation factor

Appendix A

H&P Laboratory Report

H&P Mobile Geochemistry Inc.

17 November 2020

Justin Rauzon
SCS Engineers - Long Beach
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806-6816

H&P Project: SCS111720-10
Client Project: 01220228.00/ Newbury Park

Dear Justin Rauzon:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 16-Nov-20 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC) for the fields of proficiency and analytes listed on those certificates. H& P is approved as an Environmental Testing Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs for the fields of proficiency and analytes included in the certification process and to the extent offered by the accreditation agency . Unless otherwise noted, accreditation certificate numbers, expiration of certificates, and scope of accreditation can be found at: www.handpmg.com/about/certifications. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-1-7	E011059-01	Vapor	16-Nov-20	16-Nov-20
SV-2-7	E011059-02	Vapor	16-Nov-20	16-Nov-20
SV-2-7-REP	E011059-03	Vapor	16-Nov-20	16-Nov-20
SV-3-7	E011059-04	Vapor	16-Nov-20	16-Nov-20
SV-4-7	E011059-05	Vapor	16-Nov-20	16-Nov-20
SV-5-7	E011059-06	Vapor	16-Nov-20	16-Nov-20
SV-6-7	E011059-07	Vapor	16-Nov-20	16-Nov-20
SV-7-7	E011059-08	Vapor	16-Nov-20	16-Nov-20
SV-8-7	E011059-09	Vapor	16-Nov-20	16-Nov-20
SV-9-7	E011059-10	Vapor	16-Nov-20	16-Nov-20
SV-11-7	E011059-11	Vapor	16-Nov-20	16-Nov-20

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

DETECTIONS SUMMARY

Sample ID: **SV-1-7** Laboratory ID: **E011059-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.11**	0.080	ug/l	H&P 8260SV	

Sample ID: **SV-2-7** Laboratory ID: **E011059-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.14**	0.080	ug/l	H&P 8260SV	
Toluene	**18**	0.80	ug/l	H&P 8260SV	
m,p-Xylene	**0.93**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-2-7-REP** Laboratory ID: **E011059-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.13**	0.080	ug/l	H&P 8260SV	
Toluene	**14**	0.80	ug/l	H&P 8260SV	
m,p-Xylene	**0.80**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-3-7** Laboratory ID: **E011059-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**5.1**	0.80	ug/l	H&P 8260SV	

Sample ID: **SV-4-7** Laboratory ID: **E011059-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**13**	0.80	ug/l	H&P 8260SV	
m,p-Xylene	**0.75**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-5-7** Laboratory ID: **E011059-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.082**	0.080	ug/l	H&P 8260SV	
Toluene	**13**	0.80	ug/l	H&P 8260SV	
m,p-Xylene	**0.94**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-6-7** Laboratory ID: **E011059-07**

Analyte	Result	Reporting Limit	Units	Method	Notes

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Sample ID: **SV-6-7** Laboratory ID: **E011059-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**18**	0.80	ug/l	H&P 8260SV	
m,p-Xylene	**1.2**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-7-7** Laboratory ID: **E011059-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**3.1**	0.80	ug/l	H&P 8260SV	

Sample ID: **SV-8-7** Laboratory ID: **E011059-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**7.1**	0.80	ug/l	H&P 8260SV	
m,p-Xylene	**0.61**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-9-7** Laboratory ID: **E011059-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.096**	0.080	ug/l	H&P 8260SV	
Toluene	**30**	0.80	ug/l	H&P 8260SV	
Ethylbenzene	**0.54**	0.40	ug/l	H&P 8260SV	
m,p-Xylene	**2.2**	0.40	ug/l	H&P 8260SV	
o-Xylene	**0.59**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-11-7** Laboratory ID: **E011059-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**0.10**	0.080	ug/l	H&P 8260SV	
Toluene	**1.6**	0.80	ug/l	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-1-7 (E011059-01) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	**0.11**	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-1-7 (E011059-01) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.9 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*86.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*91.1 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-2-7 (E011059-02) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	**0.14**	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**18**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.93**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-2-7 (E011059-02) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*85.5 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82.9 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.4 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-2-7-REP (E011059-03) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	**0.13**	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**14**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.80**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-2-7-REP (E011059-03) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*86.8 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*86.9 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.1 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-3-7 (E011059-04) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	ND	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**5.1**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-3-7 (E011059-04) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95.2 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*87.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-4-7 (E011059-05) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	ND	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**13**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.75**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-4-7 (E011059-05) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*91.1 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82.8 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*92.1 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-5-7 (E011059-06) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	**0.082**	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**13**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.94**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-5-7 (E011059-06) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92.4 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*84.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.7 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-6-7 (E011059-07) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	ND	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**18**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**1.2**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-6-7 (E011059-07) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*89.7 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*88.0 %*	*75-125*		"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-7-7 (E011059-08) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	ND	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**3.1**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-7-7 (E011059-08) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94.2 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*82.1 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-8-7 (E011059-09) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	ND	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**7.1**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.61**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-8-7 (E011059-09) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95.1 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*88.0 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-9-7 (E011059-10) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	**0.096**	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**30**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	**0.54**	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**2.2**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-9-7 (E011059-10) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	**0.59**	0.40	ug/l	0.04	EK01716	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*82.8 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*79.8 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.0 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-7 (E011059-11) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.040	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.080	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.080	"	"	"	"	"	"	
Benzene	**0.10**	0.080	"	"	"	"	"	"	
Trichloroethene	ND	0.080	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	**1.6**	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.080	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.080	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-11-7 (E011059-11) Vapor Sampled: 16-Nov-20 Received: 16-Nov-20									
o-Xylene	ND	0.40	ug/l	0.04	EK01713	17-Nov-20	17-Nov-20	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.080	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*91.5 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*84.4 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS111720-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK01713 - EPA 5030										
Blank (EK01713-BLK1)				Prepared & Analyzed: 17-Nov-20						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Chloromethane	ND	0.40	"							
Vinyl chloride	ND	0.040	"							
Bromomethane	ND	0.40	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
2,2-Dichloropropane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.080	"							
Bromochloromethane	ND	0.40	"							
1,1,1-Trichloroethane	ND	0.40	"							
1,1-Dichloropropene	ND	0.40	"							
Carbon tetrachloride	ND	0.080	"							
1,2-Dichloroethane (EDC)	ND	0.080	"							
Benzene	ND	0.080	"							
Trichloroethene	ND	0.080	"							
1,2-Dichloropropane	ND	0.40	"							
Bromodichloromethane	ND	0.40	"							
Dibromomethane	ND	0.40	"							
cis-1,3-Dichloropropene	ND	0.40	"							
Toluene	ND	0.80	"							
trans-1,3-Dichloropropene	ND	0.40	"							
1,1,2-Trichloroethane	ND	0.40	"							
1,2-Dibromoethane (EDB)	ND	0.40	"							
1,3-Dichloropropane	ND	0.40	"							
Tetrachloroethene	ND	0.080	"							
Dibromochloromethane	ND	0.40	"							

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3900 Kilroy Airport Way, Suite 100	Project Number: 01220228.00/ Newbury Park	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK01713 - EPA 5030										
Blank (EK01713-BLK1)				Prepared & Analyzed: 17-Nov-20						
Chlorobenzene	ND	0.080	ug/l							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
Styrene	ND	0.40	"							
Bromoform	ND	0.40	"							
Isopropylbenzene (Cumene)	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
1,2,3-Trichloropropane	ND	0.40	"							
n-Propylbenzene	ND	0.40	"							
Bromobenzene	ND	0.40	"							
1,3,5-Trimethylbenzene	ND	0.40	"							
2-Chlorotoluene	ND	0.40	"							
4-Chlorotoluene	ND	0.40	"							
tert-Butylbenzene	ND	0.40	"							
1,2,4-Trimethylbenzene	ND	0.40	"							
sec-Butylbenzene	ND	0.40	"							
p-Isopropyltoluene	ND	0.40	"							
1,3-Dichlorobenzene	ND	0.40	"							
1,4-Dichlorobenzene	ND	0.40	"							
n-Butylbenzene	ND	0.40	"							
1,2-Dichlorobenzene	ND	0.40	"							
1,2-Dibromo-3-chloropropane	ND	4.0	"							
1,2,4-Trichlorobenzene	ND	0.40	"							
Hexachlorobutadiene	ND	0.40	"							
Naphthalene	ND	0.080	"							
1,2,3-Trichlorobenzene	ND	0.40	"							
Surrogate: Dibromofluoromethane	*1.75*		*"*	*2.00*		*87.7*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*1.98*		*"*	*2.00*		*98.9*	*75-125*			
Surrogate: Toluene-d8	*1.66*		*"*	*2.00*		*82.9*	*75-125*			

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Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK01713 - EPA 5030										
LCS (EK01713-BS1)				Prepared & Analyzed: 17-Nov-20						
Dichlorodifluoromethane (F12)	4.0	0.50	ug/l	5.00		80.6	70-130			
Vinyl chloride	4.2	0.050	"	5.00		84.2	70-130			
Chloroethane	4.6	0.50	"	5.00		91.4	70-130			
Trichlorofluoromethane (F11)	5.7	0.50	"	5.00		114	70-130			
1,1-Dichloroethene	5.0	0.50	"	5.00		99.5	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	4.7	0.50	"	5.00		93.5	70-130			
Methylene chloride (Dichloromethane)	4.4	0.50	"	5.00		88.5	70-130			
trans-1,2-Dichloroethene	4.2	0.50	"	5.00		84.1	70-130			
1,1-Dichloroethane	4.4	0.50	"	5.00		89.0	70-130			
cis-1,2-Dichloroethene	4.9	0.50	"	5.00		98.6	70-130			
Chloroform	5.2	0.10	"	5.00		103	70-130			
1,1,1-Trichloroethane	5.6	0.50	"	5.00		112	70-130			
Carbon tetrachloride	6.0	0.10	"	5.00		121	70-130			
1,2-Dichloroethane (EDC)	6.2	0.10	"	5.00		125	70-130			
Benzene	4.4	0.10	"	5.00		87.4	70-130			
Trichloroethene	4.9	0.10	"	5.00		97.6	70-130			
Toluene	4.3	1.0	"	5.00		86.2	70-130			
1,1,2-Trichloroethane	4.6	0.50	"	5.00		92.3	70-130			
Tetrachloroethene	4.3	0.10	"	5.00		86.0	70-130			
Ethylbenzene	4.0	0.50	"	5.00		79.3	70-130			
1,1,1,2-Tetrachloroethane	5.0	0.50	"	5.00		100	70-130			
m,p-Xylene	8.1	0.50	"	10.0		80.8	70-130			
o-Xylene	4.1	0.50	"	5.00		81.5	70-130			
1,1,2,2-Tetrachloroethane	4.2	0.50	"	5.00		83.2	70-130			
Surrogate: Dibromofluoromethane	*2.33*		*"*	*2.50*		*93.4*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.95*		*"*	*2.50*		*118*	*75-125*			
Surrogate: Toluene-d8	*2.12*		*"*	*2.50*		*85.0*	*75-125*			

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Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK01716 - EPA 5030										
Blank (EK01716-BLK1)				Prepared & Analyzed: 17-Nov-20						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Chloromethane	ND	0.40	"							
Vinyl chloride	ND	0.040	"							
Bromomethane	ND	0.40	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
2,2-Dichloropropane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.080	"							
Bromochloromethane	ND	0.40	"							
1,1,1-Trichloroethane	ND	0.40	"							
1,1-Dichloropropene	ND	0.40	"							
Carbon tetrachloride	ND	0.080	"							
1,2-Dichloroethane (EDC)	ND	0.080	"							
Benzene	ND	0.080	"							
Trichloroethene	ND	0.080	"							
1,2-Dichloropropane	ND	0.40	"							
Bromodichloromethane	ND	0.40	"							
Dibromomethane	ND	0.40	"							
cis-1,3-Dichloropropene	ND	0.40	"							
Toluene	ND	0.80	"							
trans-1,3-Dichloropropene	ND	0.40	"							
1,1,2-Trichloroethane	ND	0.40	"							
1,2-Dibromoethane (EDB)	ND	0.40	"							
1,3-Dichloropropane	ND	0.40	"							
Tetrachloroethene	ND	0.080	"							
Dibromochloromethane	ND	0.40	"							

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Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK01716 - EPA 5030										
Blank (EK01716-BLK1)				Prepared & Analyzed: 17-Nov-20						
Chlorobenzene	ND	0.080	ug/l							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
Styrene	ND	0.40	"							
Bromoform	ND	0.40	"							
Isopropylbenzene (Cumene)	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
1,2,3-Trichloropropane	ND	0.40	"							
n-Propylbenzene	ND	0.40	"							
Bromobenzene	ND	0.40	"							
1,3,5-Trimethylbenzene	ND	0.40	"							
2-Chlorotoluene	ND	0.40	"							
4-Chlorotoluene	ND	0.40	"							
tert-Butylbenzene	ND	0.40	"							
1,2,4-Trimethylbenzene	ND	0.40	"							
sec-Butylbenzene	ND	0.40	"							
p-Isopropyltoluene	ND	0.40	"							
1,3-Dichlorobenzene	ND	0.40	"							
1,4-Dichlorobenzene	ND	0.40	"							
n-Butylbenzene	ND	0.40	"							
1,2-Dichlorobenzene	ND	0.40	"							
1,2-Dibromo-3-chloropropane	ND	4.0	"							
1,2,4-Trichlorobenzene	ND	0.40	"							
Hexachlorobutadiene	ND	0.40	"							
Naphthalene	ND	0.080	"							
1,2,3-Trichlorobenzene	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.03*		*"*	*2.00*		*102*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*1.79*		*"*	*2.00*		*89.5*	*75-125*			
Surrogate: Toluene-d8	*1.90*		*"*	*2.00*		*95.2*	*75-125*			

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Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK01716 - EPA 5030										
LCS (EK01716-BS1)				Prepared & Analyzed: 17-Nov-20						
Dichlorodifluoromethane (F12)	2.6	0.50	ug/l	5.00		51.4	70-130			QL-1L
Vinyl chloride	3.9	0.050	"	5.00		77.8	70-130			
Chloroethane	3.9	0.50	"	5.00		78.2	70-130			
Trichlorofluoromethane (F11)	4.9	0.50	"	5.00		98.4	70-130			
1,1-Dichloroethene	4.9	0.50	"	5.00		98.7	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	4.8	0.50	"	5.00		96.7	70-130			
Methylene chloride (Dichloromethane)	4.7	0.50	"	5.00		93.8	70-130			
trans-1,2-Dichloroethene	4.5	0.50	"	5.00		89.3	70-130			
1,1-Dichloroethane	4.6	0.50	"	5.00		91.7	70-130			
cis-1,2-Dichloroethene	5.1	0.50	"	5.00		101	70-130			
Chloroform	4.8	0.10	"	5.00		95.4	70-130			
1,1,1-Trichloroethane	4.8	0.50	"	5.00		95.4	70-130			
Carbon tetrachloride	4.9	0.10	"	5.00		98.8	70-130			
1,2-Dichloroethane (EDC)	4.6	0.10	"	5.00		92.6	70-130			
Benzene	4.6	0.10	"	5.00		91.0	70-130			
Trichloroethene	4.9	0.10	"	5.00		97.9	70-130			
Toluene	4.6	1.0	"	5.00		91.7	70-130			
1,1,2-Trichloroethane	4.4	0.50	"	5.00		87.8	70-130			
Tetrachloroethene	4.7	0.10	"	5.00		94.3	70-130			
Ethylbenzene	4.6	0.50	"	5.00		92.8	70-130			
1,1,1,2-Tetrachloroethane	4.5	0.50	"	5.00		89.6	70-130			
m,p-Xylene	9.4	0.50	"	10.0		93.6	70-130			
o-Xylene	4.6	0.50	"	5.00		91.9	70-130			
1,1,2,2-Tetrachloroethane	4.4	0.50	"	5.00		87.2	70-130			
Surrogate: Dibromofluoromethane	*2.18*		*"*	*2.50*		*87.3*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.06*		*"*	*2.50*		*82.2*	*75-125*			
Surrogate: Toluene-d8	*2.25*		*"*	*2.50*		*90.2*	*75-125*			

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Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Nov-20 15:34

Notes and Definitions

QL-1L	The LCS and/or LCSD recoveries fell below the established control specifications for this analyte. Any result for this compound is qualified and should be considered biased low.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

All soil results are reported in wet weight.

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

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VAPOR / AIR Chain of Custody

DATE: 11-16-20
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: 01220228.00
Lab Client Project Manager: Justin Barzon	Project Location: Newbury Park, CA
Lab Client Address: 3900 Kilroy Airport Way, Suite 100	Report E-Mail(s): JBarzon@SCSengineers.com JVargas@scsengineers.com
Lab Client City, State, Zip: Long Beach, CA 90806	
Phone Number: 562-426-9544	

Sample Receipt (Lab Use Only)

Date Rec'd: 11/16/20 Control #: 200822.02
H&P Project # SCS 111720-10
Lab Work Order # E011059
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID: 60206 Temp: RT
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials: MB

Reporting Requirements

☑ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☐ **Standard** (7 days for preliminary report, 10 days for final report)
☑ **Rush** (specify): Same-Day ASAP

Sampler Information

Sampler(s): J. Arellano
Signature:
Date: 11-16-20

Additional Instructions to Laboratory: ASAP on 11/17 - KB 11/17

*** Preferred VOC units (please choose one):**
☑ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

8260SV w/ LRLs - KB 11/17

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☑ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☑ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SV-1-7		11-16-20	1155	SV	1L	818	-3.81	✓						✓						
SV-2-7			1216			820	-2.24	✓						✓						
SV-2-7 Rep			1228			803	-1.80	✓						✓						
SV-3-7			1244			808	-1.82	✓						✓						
SV-4-7			1300			812	-2.06	✓						✓						
SV-5-7			1316			813	-2.29	✓						✓						
SV-6-7			1333			807	-1.69	✓						✓						
SV-7-7			1352			710	-4.74	✓						✓						
SV-8-7			1406			814	-2.81	✓						✓						
SV-9-7			1422			816	-2.03	✓						✓						

	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	SCS	11/16/20	1443	J. Arellano	H&P	11-16-20	1444
Approved/Relinquished by:							
Approved/Relinquished by:							

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 11-16-20

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: 01220228.00
Lab Client Project Manager: Justin Rauzon	Project Location: Newbury Park, CA
Lab Client Address: 3900 Kilroy Airport Way Suite 100	Report E-Mail(s): JRauzon@scsengineers.com JVargas@scsengineers.com
Lab Client City, State, Zip: Long Beach, CA 90806	
Phone Number: (562) 426-9544	

Sample Receipt (Lab Use Only)

Date Rec'd: 11/16/20	Control #: 200822.02
H&P Project #: SCS111720-10	
Lab Work Order #	
Sample Intact: ☑ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 100206	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☑ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD: _____
☐ CA Geotracker Global ID: _____

Turnaround Time

☐ **Standard** (7 days for preliminary report, 10 days for final report)
☑ **Rush** (specify): pg1

Sampler Information

Sampler(s): J. Arellano
Signature:
Date: 11-16-20

Additional Instructions to Laboratory:

pg1

* *Preferred VOC units (please choose one):*
☑ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SV-11-7		11-16-20	1437	SV	1L	819	-1.61	✓						✓						

Approved/Relinquished by:	Company: SCS	Date: 11/16/20	Time: 1445	Received by: J. Arellano	Company: H&P	Date: 11-16-20	Time: 1445
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back