PHASE II SOIL VAPOR INVESTIGATION REPORT

13592 Slover Avenue
Fontana, California 92335
Assessor's Parcel Numbers (APNs): 0238-062-36-0000 & -39-0000

Alere Property Group LLC
100 Bayview Circle, Suite 310
Newport Beach, California 92660
(949) 509-5002

SCS ENGINEERS

Project No. 01221034.00 Task 2 | March 24, 2021

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

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Figures

Appendix

This Phase II Soil Vapor Investigation Report dated March 24, 2021 for 13592 Slover Avenue, Fontana, California was prepared and reviewed by the following:

Tyler Watkins
Project Professional
SCS ENGINEERS

Justin Rauzon, REPA
Project Manager
SCS ENGINEERS

Jeffrey T. Sieg, PG
Technical Reviewer
SCS ENGINEERS

DISCLAIMER

This report has been prepared for Alere Property Group LLC with specific application to an investigation of soil vapor conducted at 13592 Slover Avenue, Fontana, 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 Alere Property Group LLC (Alere) to conduct a soil vapor investigation at 13592 Slover Avenue, Fontana, California (the "Property"). Investigation activities were conducted in accordance with SCS's proposal dated March 10, 2021 (Proposal No. 010257221). 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 March 8, 2021 (SCS Project Number 01221034.00). The Property is located on the north side of Slover Avenue, approximately 3,500 feet west of the intersection between Slover Avenue and South Etiwanda Avenue. It is approximately 17.4 acres and is currently occupied by the Clark Pacific pre-cast concrete manufacturing facility. There are four main buildings on the Property: a production building, wood shop, maintenance shop, and office. The remainder of the Property is occupied by pre-cast concrete manufacturing activities and associated parking areas.

With the exception of a few dirt pathways, the Property was undeveloped or vacant land from at least 1896 through the early-1950s. A natural seasonal drainage creek historically crossed the northwestern corner of the Property. The drainage area was diminished after a flood control channel was constructed 600 feet west of the Property in the early 1950s. Industrial facilities were constructed on the Property in the mid- to late-1950s, including three buildings and rail spurs. Site contacts reported that the original occupant was Kaiser Steel, but city directory records indicated that Graver Tank and Mfg. Co. (Graver) occupied the Property from 1955. Tecon Pacific purchased the Property in 1984 and, by 1990, the Property was developed in its present day configuration. Tecon Pacific conducted pre-cast concrete manufacturing operations. In 1999, ownership of the Property transferred from Tecon Pacific to Clark Pacific, however site operations remained the same.

SCS interviewed Mr. Richard Maddux, an environmental engineer with Clark Pacific. Mr. Maddux informed SCS that chlorinated solvents were historically used on the Property in a parts washer that was located in the maintenance area. According to Mr. Maddux, chlorinated solvent use at the Property ceased six years ago (circa 2015). In the Phase I ESA, SCS identified the industrial/manufacturing operations at the Property dating back to the 1950s as a recognized environmental condition (REC). Few details about the historical Kaiser and Graver operations were available. Clark Pacific (and likely its predecessor Tecon Pacific) used chlorinated solvents at the Property through approximately 2015.

Four underground storage tanks (USTs); a 1,000-gallon single-walled gasoline UST and three 20,000-gallon single-walled diesel USTs were historical located on the Property. The USTs were removed in 1991. The tanks were installed at the Property between 1986 and 1987. A report detailing the removal of the tanks was submitted to the San Bernardino County Fire Department (SBCFD). Data included in the report shows soil samples were collected from each end of the tanks, from one to two feet below the bottom of the tank. Soil samples were analyzed for total petroleum hydrocarbons (TPH) and fuel-related volatile organic compounds (VOCs) and the results for all parameters were not detected above the laboratory's reporting limit. The SBCFD granted a no further action (NFA) letter to the Property in 1998.

Regulatory database information identified no known or suspected contamination sites in the area immediately surrounding the Property. Based on the type of listing and relative cross- and up-gradient locations, the Kaiser Streel facility and related sites approximately 0.5 to 0.75 miles to the north and northwest of the Property were considered as possible contributors to regional volatile

organic compound (VOC) groundwater contamination. A review of available groundwater information at the former Kaiser Steel facility, cross- and up-gradient from the Property, indicates that there have been some regional VOC impacts to groundwater. However, with the exception of a single trace detection of chloroform, the up-gradient Kaiser wells did not identify any detectable concentrations of VOCs during multiple sampling events between 2009 and 2011. Grounder is estimated to be more than 300 feet below ground surface at the Property. Based on the available information, SCS did not identify likely impacts to groundwater beneath the Property from onsite or offsite sources.

Reportedly, Clark Pacific utilized chlorinated solvents at the Property from 1999 until 2015. Considering Clark Pacific and Tecon Pacific conducted the same manufacturing processes, it is probable that chlorinated solvents were utilized even earlier, as far back as 1984. Based on the historical use of chlorinated solvents on the Property until approximately 2015, as wells as the industrial/manufacturing operations at the Property dating back to the 1950s, SCS recommended a Phase II investigation that included collection and laboratory analysis of soil vapor samples.

3 PHYSICAL SETTING

PHYSIOGRAPHIC SETTING

According to the U.S. Geological Survey (USGS) Fontana, California 7.5-minute topographic maps, the Property is located in the Upper Santa Ana Valley, a broad area bordered to the north by the Transverse Ranges (the San Gabriel and San Bernardino Mountains), to the south by the Jurupa Mountains and other ranges of the Perris Block, to the east by the San Jacinto Fault, and to the west by the Chino Fault. The Property is located at an average elevation of about 980 to 990 feet above mean sea level (msl); the local topography slopes to the south. The nearest surface water is the Etiwanda Creek/San Sevaine Creek flood control channel located approximately 645 feet west of the Property.

GEOLOGY AND SOILS

The surficial geological unit in the general area of the property consists of Holocene Younger Alluvium, which is made up predominantly of alluvial sand- and silt-sized bedrock fragments and reworked Older Alluvium. Underlying the surficial units is early Pleistocene-age Older alluvium consisting of sand, silty-sand, and gravel. The alluvial sediments range in thickness from 350 to 700 feet below ground surface (bgs). Below these units is dense, non-water-bearing granitic bedrock.

Surface sediments at the Property consist of alluvial material derived from the San Gabriel Mountains, located approximately seven miles to the north. Sediments encountered during a SCS Phase II investigation at the National Oilwell Varco Ameron Facility, located approximately 850 feet west of the Property at 13032 Slover Avenue, consisted primarily of medium- and coarse-grained sand with some gravel to approximately 30-40 feet bgs with fine sands and silts to depths of 150 feet bgs (SCS, 2013). Based on proximity, similar conditions are anticipated at the Property.

GROUNDWATER

The Property overlies the Upper Santa Ana Valley Groundwater Basin, Chino Subbasin. Based on measurements at former groundwater wells at the former National Oilwell Varco Ameron site, groundwater was encountered at approximately 311 feet bgs (SCS, 2013). Regional information from the Chino Basin Optimum Management Program indicates that groundwater in the area flows southwesterly in direction (Wildermuth, 2011). Groundwater in the area has been impacted by total

dissolved solids, total organic carbon, and traces of VOCs such as trichloroethene (TCE) and 1,1-dichloroethene, originating from the nearby Kaiser Steel Mill site (Wildermuth, 2011).

4 INITIAL 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. A210680706). On March 15, 2021 GPRS Inc., of Los Angeles/Orange County, California conducted a geophysical survey using electromagnetic survey equipment to clear proposed boring locations of subsurface utilities and/or structures.

SOIL VAPOR SAMPLE COLLECTION

Field activities were conducted on March 15, 2021. Under the direction of SCS, H&P Mobile Geochemistry (H&P) of Carlsbad, California installed 15 temporary soil vapor probes, designated SV-1 through SV-15, to a depth of approximately 5 feet bgs. The location of the probes are depicted in Figure 2.

Vapor probes were installed using a truck-mounted direct-push drill rig or rotohammer and hand tools. 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 two hours, 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 16 soil vapor samples (including a replicate sample from SV-6) were collected and analyzed for VOCs using Method H&P 8260SV, a modified version of EPA Method 8260B, in a mobile laboratory provided by H&P. 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 accurately from the point of collection through analysis.

Following completion of sample collection and analyses, the temporary probes were removed and boreholes were patched to match the surrounding surface. No soil cuttings requiring disposal were generated during this investigation.

SOIL VAPOR ANALYTICAL RESULTS

The H&P laboratory report, chain-of-custody documentation, and quality assurance/control (QA/QC) data are included as Appendix B. As shown, VOCs were not detected in any of the soil vapor samples at concentrations above the laboratory's detection limits.

5 DISCUSSION OF ANALYTICAL RESULTS AND REGULATORY LIMITS

VOCS IN SOIL VAPOR

Regulatory agencies such as the United States Environmental Protection Agency (U.S. EPA) and the Department of Toxic Substance Control (DTSC) have calculated screening levels for soil vapor samples that are considered protective of human-health in the event that vapor intrusion from VOCs is occurring. The calculations use various attenuation, hazard, inhalation risk factors for the specific constituent on concern. As stated, none of the samples contained VOCs at concentrations above the laboratory's detection limit. The laboratory's detection limits are far below the screening levels utilizing an attenuation factor of 0.0005 for commercial/industrial land use, suggesting that even if VOCs were present at the laboratory's detection limit they would not be at concentrations that would present a significant health risk.

In the latest update to Human and Ecological Risk Office (HERO) Note No. 3, DTSC also recommended that screening assessments calculate 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. These attenuation factors result in extremely conservative screening levels.

With the exception of tetrachloroethene, benzene, and ethylbenzene, the laboratory's reporting limit for specific analytes are below the screening levels using an attenuation factor of 0.03, indicating no significant risks associated with vapor intrusion. Given that the screening levels for VOCs, utilizing an attenuation factor of 0.03 is an extremely conservative factor generated from a limited study of primarily residential homes with degraded concrete/basements, it would not apply to new development. Therefore, the laboratory's reporting limit at these low levels is considered sufficient to show that there is no significant risk to human health from vapor intrusion of VOCs at the Property.

6 CONCLUSIONS AND RECOMMENDATIONS

On March 15, 2021, SCS conducted a soil vapor investigation at the Property. Based on results of this investigation, SCS concludes the following:

- VOCs were not detected in any of the samples analyzed at concentrations above laboratory reporting limits.
- The results of the soil vapor investigation indicate that there are no significant health risks associated with vapor intrusion present at the Property.

Additional investigation of soil vapor is not recommended at this time.

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*.

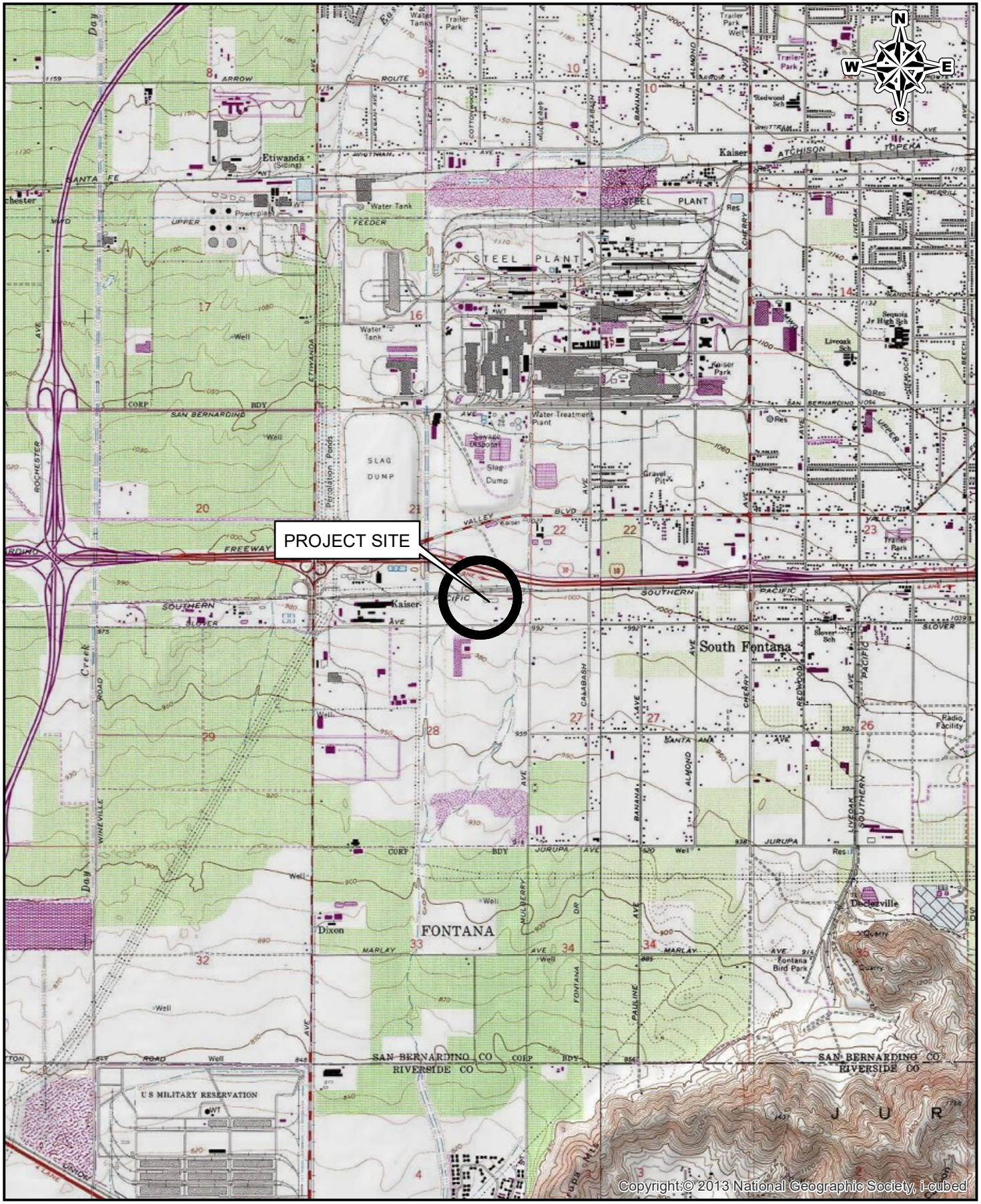
SCS Engineers, March 8, 2021. *Phase I Environmental Site Assessment, 13592 Slover Avenue, Fontana, California 92335.*

U.S. EPA, June 2015. *Oswer Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air.*

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

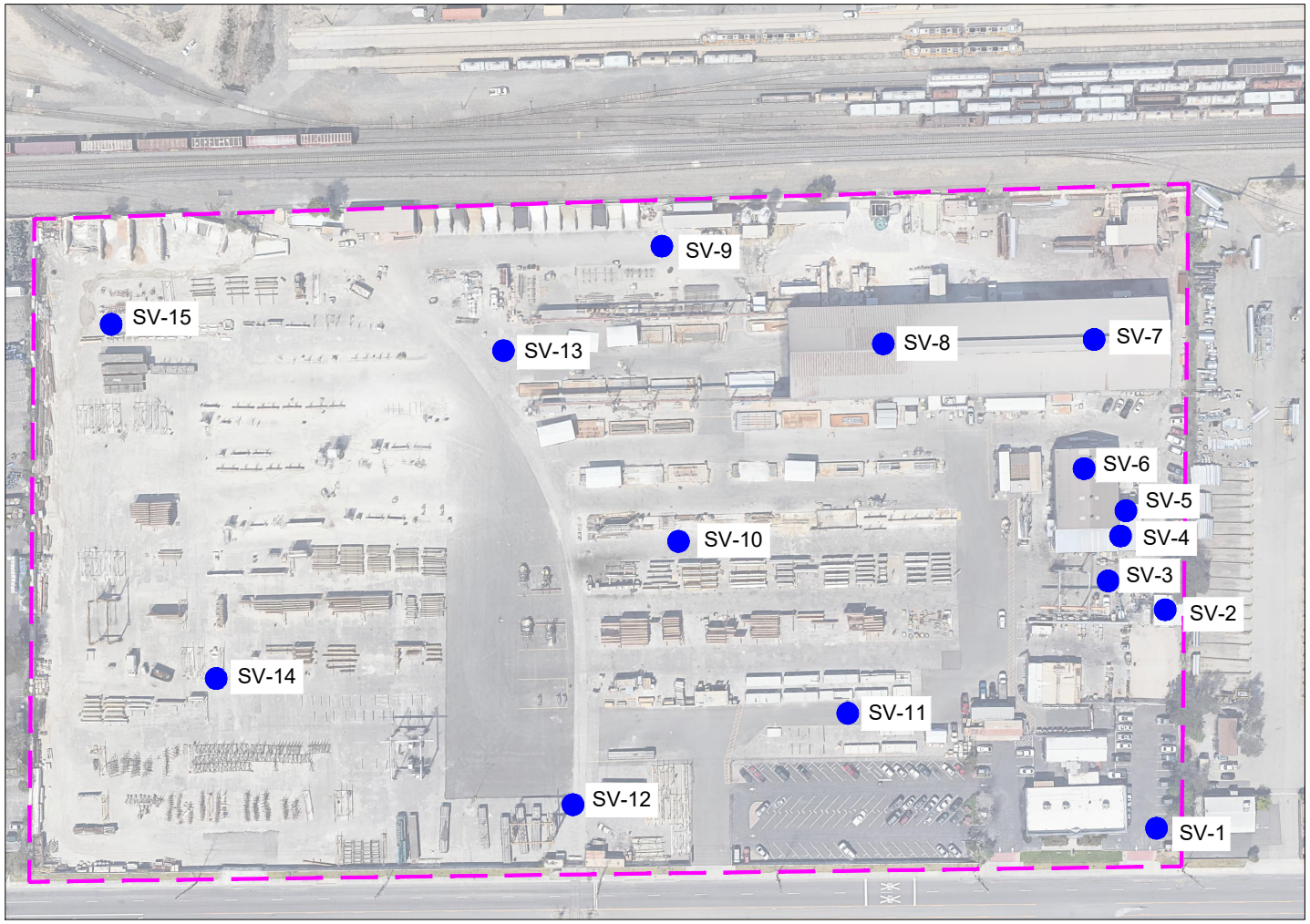
Wildermuth Environmental Inc. (Wildermuth), June 2017. Chino Basin Optimum Management Program, 2016 State of the Basin Report.

Figures 1 and 2



0 1,000 2,000 Feet

SCS ENGINEERS 3900 KILROY AIRPORT WAY, SUITE 100 LONG BEACH, CALIFORNIA 90806	SITE: 13592 Slover Avenue Fontana, California 92335	Job No.: 01221034.00 Title: SITE LOCATION MAP	FIGURE 1



LEGEND

PROPERTY LINE

SOIL GAS (1st GENERATION)

N

GRAPHIC SCALE

0 180 360

SCALE IN FEET

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

PROJ. NO.	DWN. BY:	ACAD FILE:
01221034.00 T2	J.VARGAS	LONG BEACH
DSN. BY:	CHK. BY:	APP. BY:
J.VARGAS	T.WATKINS	J.RAUZON

CLIENT:

ALERE PROPERTY GROUP LLC
100 BAYVIEW CIRCLE, SUITE 310
NEWPORT BEACH, CALIFORNIA

SHEET TITLE:

GOOGLE AERIAL IMAGE SHOWING
SOIL VAPOR SAMPLE LOCATIONS

PROJECT TITLE:

13592 SLOVER AVENUE
FONTANA, CALIFORNIA

DATE: MARCH 2021

SCALE: 1" = 180'

FIGURE NO. 2

C:\Users\4552jl_v\Desktop\SCS templates.dwg Mar 18, 2021 - 4:30pm By: 4552jl_v

Appendix A

H&P Laboratory Report

H&P Mobile Geochemistry Inc.

17 March 2021

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

H&P Project: SCS031621-10
Client Project: 01221034.00 T2 / Fontana

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 15-Mar-21 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: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-6-5	E103048-01	Vapor	15-Mar-21	15-Mar-21
SV-6-5 REP	E103048-02	Vapor	15-Mar-21	15-Mar-21
SV-4-5	E103048-03	Vapor	15-Mar-21	15-Mar-21
SV-5-5	E103048-04	Vapor	15-Mar-21	15-Mar-21
SV-2-5	E103048-05	Vapor	15-Mar-21	15-Mar-21
SV-3-5	E103048-06	Vapor	15-Mar-21	15-Mar-21
SV-11-5	E103048-07	Vapor	15-Mar-21	15-Mar-21
SV-12-5	E103048-08	Vapor	15-Mar-21	15-Mar-21
SV-13-5	E103048-09	Vapor	15-Mar-21	15-Mar-21
SV-15-5	E103048-10	Vapor	15-Mar-21	15-Mar-21
SV-14-5	E103048-11	Vapor	15-Mar-21	15-Mar-21
SV-10-5	E103048-12	Vapor	15-Mar-21	15-Mar-21
SV-1-5	E103048-13	Vapor	15-Mar-21	15-Mar-21
SV-9-5	E103048-14	Vapor	15-Mar-21	15-Mar-21
SV-7-5	E103048-15	Vapor	15-Mar-21	15-Mar-21
SV-8-5	E103048-16	Vapor	15-Mar-21	15-Mar-21

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DETECTIONS SUMMARY

Sample ID: **SV-6-5** Laboratory ID: **E103048-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-6-5 REP** Laboratory ID: **E103048-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-4-5** Laboratory ID: **E103048-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-5-5** Laboratory ID: **E103048-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-2-5** Laboratory ID: **E103048-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-3-5** Laboratory ID: **E103048-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-11-5** Laboratory ID: **E103048-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-12-5** Laboratory ID: **E103048-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

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Sample ID: **SV-13-5** Laboratory ID: **E103048-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-15-5** Laboratory ID: **E103048-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-14-5** Laboratory ID: **E103048-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-10-5** Laboratory ID: **E103048-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-1-5** Laboratory ID: **E103048-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-9-5** Laboratory ID: **E103048-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-7-5** Laboratory ID: **E103048-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-8-5** Laboratory ID: **E103048-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

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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-6-5 (E103048-01) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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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-6-5 (E103048-01) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*100 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.1 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-6-5 REP (E103048-02) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-6-5 REP (E103048-02) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*96.2 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*92.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.4 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-4-5 (E103048-03) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-4-5 (E103048-03) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*95.9 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.4 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-5-5 (E103048-04) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-5-5 (E103048-04) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.5 %*		*75-125*	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-2-5 (E103048-05) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-2-5 (E103048-05) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*87.8 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.7 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-3-5 (E103048-06) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-3-5 (E103048-06) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-11-5 (E103048-07) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-11-5 (E103048-07) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*110 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.7 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-12-5 (E103048-08) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-12-5 (E103048-08) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*91.9 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.9 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-13-5 (E103048-09) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-13-5 (E103048-09) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*95.7 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.8 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-15-5 (E103048-10) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-15-5 (E103048-10) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*97.3 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.4 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-14-5 (E103048-11) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-14-5 (E103048-11) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.4 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-10-5 (E103048-12) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-10-5 (E103048-12) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.1 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-1-5 (E103048-13) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-1-5 (E103048-13) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.7 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-9-5 (E103048-14) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-9-5 (E103048-14) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*100 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.7 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-7-5 (E103048-15) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-7-5 (E103048-15) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*110 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031621-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-8-5 (E103048-16) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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	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	"	"	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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-8-5 (E103048-16) Vapor Sampled: 15-Mar-21 Received: 15-Mar-21									
o-Xylene	ND	0.40	ug/l	0.04	EC11607	16-Mar-21	16-Mar-21	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		*101 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.2 %*		*75-125*	"	"	"	"	

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Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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 EC11607 - EPA 5030										
Blank (EC11607-BLK1)				Prepared & Analyzed: 16-Mar-21						
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 EC11607 - EPA 5030										
Blank (EC11607-BLK1)				Prepared & Analyzed: 16-Mar-21						
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	*1.98*		"	*2.00*		*98.9*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.07*		"	*2.00*		*103*	*75-125*			
Surrogate: Toluene-d8	*1.87*		"	*2.00*		*93.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1.84*		"	*2.00*		*92.2*	*75-125*			

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3900 Kilroy Airport Way, Suite 100	Project Number: 01221034.00 T2 / Fontana	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

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 EC11607 - EPA 5030										
LCS (EC11607-BS1)				Prepared & Analyzed: 16-Mar-21						
Dichlorodifluoromethane (F12)	3.5	0.50	ug/l	5.00		70.4	70-130			
Vinyl chloride	5.6	0.050	"	5.00		113	70-130			
Chloroethane	6.1	0.50	"	5.00		122	70-130			
Trichlorofluoromethane (F11)	6.6	0.50	"	5.00		132	70-130			QL-1H
1,1-Dichloroethene	4.9	0.50	"	5.00		97.3	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	4.6	0.50	"	5.00		92.0	70-130			
Methylene chloride (Dichloromethane)	4.8	0.50	"	5.00		96.8	70-130			
trans-1,2-Dichloroethene	4.9	0.50	"	5.00		98.7	70-130			
1,1-Dichloroethane	4.3	0.50	"	5.00		85.9	70-130			
cis-1,2-Dichloroethene	5.1	0.50	"	5.00		103	70-130			
Chloroform	5.2	0.10	"	5.00		103	70-130			
1,1,1-Trichloroethane	3.9	0.50	"	5.00		77.6	70-130			
Carbon tetrachloride	3.7	0.10	"	5.00		74.3	70-130			
1,2-Dichloroethane (EDC)	5.1	0.10	"	5.00		102	70-130			
Benzene	5.0	0.10	"	5.00		99.3	70-130			
Trichloroethene	5.3	0.10	"	5.00		106	70-130			
Toluene	4.9	1.0	"	5.00		97.2	70-130			
1,1,2-Trichloroethane	5.3	0.50	"	5.00		107	70-130			
Tetrachloroethene	4.6	0.10	"	5.00		92.7	70-130			
Ethylbenzene	4.9	0.50	"	5.00		98.5	70-130			
1,1,1,2-Tetrachloroethane	3.9	0.50	"	5.00		79.0	70-130			
m,p-Xylene	9.7	0.50	"	10.0		97.0	70-130			
o-Xylene	4.7	0.50	"	5.00		93.7	70-130			
1,1,2,2-Tetrachloroethane	6.9	0.50	"	5.00		138	70-130			QL-1H
Surrogate: Dibromofluoromethane	*2.44*		*"*	*2.50*		*97.6*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*"*	*2.50*		*97.1*	*75-125*			
Surrogate: Toluene-d8	*2.54*		*"*	*2.50*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.19*		*"*	*2.50*		*87.8*	*75-125*			

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Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	17-Mar-21 11:57

Notes and Definitions

QL-1H	The LCS and/or LCSD recoveries fell above the established control specifications for this analyte. Any result for this compound is qualified and should be considered biased high.
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.

Mobile Geochemistry, Inc.

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VAPOR / AIR Chain of Custody

DATE: 3/15/21
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers
Lab Client Project Manager: Justin Rauzon
Lab Client Address: 3900 Kilroy Airport Way, Suite 106
Lab Client City, State, Zip: Long Beach, CA 90806
Phone Number: (562) 308-0323

Project Name / #: 01221034.00 T2
Project Location: 13592 Slover Ave Fontana, CA
Report E-Mail(s): TWatkins@scsengineers.com
JRauzon

Sample Receipt (Lab Use Only)

Date Rec'd: 3/16/21 Control #: 210184-02
H&P Project # SCS031621-10
Lab Work Order # E103048
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID: Temp:
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials: WA

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): 24 hrs

Sampler Information

Sampler(s): B. Villa
Signature:
Date: 3/15/21

Additional Instructions to Laboratory: VOC list + Rush attached WA 3/16/21

** 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 w/ LPHs	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-6-5		03/15/21	1216	SV	200mL	522	-.92	X						X						
SV-6-5 REP		03/15/21	1219	SV	200mL	532	-.86	X						X						
SV-4-5		03/15/21	1233	SV	200mL	525	-.67	X						X						
SV-5-5		03/15/21	1248	SV	200mL	533	-.82	X						X						
SV-2-5		03/15/21	1302	SV	200mL	526	-.59	X						X						
SV-3-5		03/15/21	1323	SV	200mL	523	-1.30	X						X						
SV-11-5		03/15/21	1339	SV	200mL	521	-.52	X						X						
SV-12-5		03/15/21	1349	SV	200mL	516	-.47	X						X						
SV-13-5		03/15/21	1406	SV	200mL	513	-.51	X						X						
SV-15-5		03/15/21	1416	SV	200mL	519	-1.13	X						X						

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Justin Watkins	SCS	3/15/21	1457		H&P	3/15/21	1457

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

Mobile Geochemistry, Inc.

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& Field Office - Signal Hill, CA
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VAPOR / AIR Chain of Custody

DATE: 3/15/21
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: 01221034.00 T2
Lab Client Project Manager: Justin Rauzon	Project Location: 13592 Slover Ave Fontana, CA
Lab Client Address: 3900 Kilroy Airport Way, Suite 100	Report E-Mail(s): JRauzon@scsengineers.com TWatkins
Lab Client City, State, Zip: Long Beach, CA 90806	
Phone Number: (562) 308-0323	

Sample Receipt (Lab Use Only)

Date Rec'd: 3/16/21	Control #: 21018.02
H&P Project #: SCS031621-10	
Lab Work Order #	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials: MA	

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): 24 hrs

Sampler Information

Sampler(s): B. Villarosales
Signature: [signature]
Date: 3/15/21

Additional Instructions to Laboratory: VOC list + RLs attached MA 3/16/21

*** 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 w/ LRLs	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-14-5		03/15/21	1427	SV	200mL	509	-1.03	X						X		
SV-10-5		03/15/21	1436	SV	200mL	520	-.78	X						X		
SV-1-5		03/15/21	1451	SV	200mL	515	-1.41	X						X		
SV-9-5		03/15/21	1409	SV	200mL	508	-1.64	X						X		
SV-7-5		03/15/21	1423	SV	200mL	517	-.55	X						X		
SV-8-5		03/15/21	1441	SV	200mL	314	-.49	X						X		

Approved/Relinquished by: [signature]	Company: SCS	Date: 3/15/21	Time: 1457	Received by: [signature]	Company: H&P	Date: 3/15/21	Time: 1457
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

H&P Mobile Geochemistry Inc.

2470 Impala Drive, Carlsbad, CA 92010
Los Angeles Field Office in Signal Hill, CA
Ph: 800-834-9888 www.handpmg.com

H&P 8260SV (Modified EPA 8260B)

Analyte	*CAS No.*	*Low RL* Vapor (µg/L)*	*Low RL* Vapor (µg/m^3)*
Dichlorodifluoromethane (F12)	75-71-8	0.4	400
Chloromethane	74-87-3	0.4	400
Vinyl chloride	75-01-4	0.04	40
Bromomethane	74-83-9	0.4	400
Chloroethane	75-00-3	0.4	400
Trichlorofluoromethane (F11)	75-69-4	0.4	400
1,1-Dichloroethene	75-35-4	0.4	400
1,1,2-Trichlorotrifluoroethane (F113)	76-13-1	0.4	400
Methylene chloride (Dichloromethane)	75-09-2	0.4	400
Methyl tertiary-butyl ether (MTBE)	1634-04-4	0.4	400
trans-1,2-Dichloroethene	156-60-5	0.4	400
1,1-Dichloroethane	75-34-3	0.4	400
2,2-Dichloropropane	594-20-7	0.4	400
cis-1,2-Dichloroethene	156-59-2	0.4	400
Bromochloromethane	74-97-5	0.4	400
Chloroform	67-66-3	0.08	80
1,1,1-Trichloroethane	71-55-6	0.4	400
1,1-Dichloropropene	563-58-6	0.4	400
Carbon tetrachloride	56-23-5	0.08	80
1,2-Dichloroethane (EDC)	107-06-2	0.08	80
Benzene	71-43-2	0.08	80
Trichloroethene	79-01-6	0.08	80
1,2-Dichloropropane	78-87-5	0.4	400
Dibromomethane	74-95-3	0.4	400
Bromodichloromethane	75-27-4	0.4	400
cis-1,3-Dichloropropene	10061-01-5	0.4	400
Toluene	108-88-3	0.8	800
trans-1,3-Dichloropropene	10061-02-6	0.4	400
1,1,2-Trichloroethane	79-00-5	0.4	400
1,3-Dichloropropane	142-28-9	0.4	400
Tetrachloroethene	127-18-4	0.08	80
Dibromochloromethane	124-48-1	0.4	400
1,2-Dibromoethane (EDB)	106-93-4	0.4	400
Chlorobenzene	108-90-7	0.08	80
1,1,1,2-Tetrachloroethane	630-20-6	0.4	400
Ethylbenzene	100-41-4	0.4	400
m,p-Xylene	179601-23-1	0.4	400
o-Xylene	95-47-6	0.4	400
Styrene	100-42-5	0.4	400
Bromoform	75-25-2	0.4	400
Isopropylbenzene (Cumene)	98-82-8	0.4	400
1,1,2,2-Tetrachloroethane	79-34-5	0.4	400
n-Propylbenzene	103-65-1	0.4	400
1,2,3-Trichloropropane	96-18-4	0.4	400
Bromobenzene	108-86-1	0.4	400
2-Chlorotoluene	95-49-8	0.4	400
1,3,5-Trimethylbenzene	108-67-8	0.4	400
4-Chlorotoluene	106-43-4	0.4	400

H&P Mobile Geochemistry Inc.

2470 Impala Drive, Carlsbad, CA 92010
Los Angeles Field Office in Signal Hill, CA
Ph: 800-834-9888 www.handpmg.com

H&P 8260SV (Modified EPA 8260B)

Analyte	*CAS No.*	*Low RL* Vapor (µg/L)*	*Low RL* Vapor (µg/m^3)*
tert-Butylbenzene	98-06-6	0.4	400
1,2,4-Trimethylbenzene	95-63-6	0.4	400
sec-Butylbenzene	135-98-8	0.4	400
p-Isopropyltoluene	99-87-6	0.4	400
1,3-Dichlorobenzene	541-73-1	0.4	400
1,4-Dichlorobenzene	106-46-7	0.4	400
n-Butylbenzene	104-51-8	0.4	400
1,2-Dichlorobenzene	95-50-1	0.4	400
1,2-Dibromo-3-chloropropane	96-12-8	4.0	4000
1,2,4-Trichlorobenzene	120-82-1	0.4	400
Hexachlorobutadiene	87-68-3	0.4	400
Naphthalene	91-20-3	0.08	80
1,2,3-Trichlorobenzene	87-61-6	0.4	400
Leak Check Compound			
1,1-Difluoroethane	75-37-6	0.4	400

**NOTE: 25cc sample for Low RL*

Mobile Geochemistry Inc.

FMS005
Revision: 3
Revised: 1/15/16
Effective: 1/25/16
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS031521 - TECH/TECH
Date: 3/15/21
Site Address: 13592 Slover Ave Fontana, CA
Page: 1 of 3
Consultant: SCS
H&P Rep(s): B. Villarreal
D. Blackburn
Reviewed: EC
Consultant Rep(s): Tyler Watkins
Scanned: Flores

Equipment Info
Inline Gauge ID#: T13
Pump ID#: 010

Purge Volume Information
PV Amount: 3PV
PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☐ H_2O
1	SV-6-5	522	246	1215	-26	1216	Ø	5	7	1/8	12	.75	6	.75	✓	✓	189	<200	— (SV)	~~200~~ <200	Ø
2	SV-6-5 REP	532	246	1216	-27	1219	Ø	5	7	1/8	12	.75	6	.75	✓	✓	389	<200	—	~~200~~ <200	Ø
3	SV-4-5	525	254	1231	-28	1233	Ø	5	7	1/8	12	.75	6	.75	✓	✓	189	<200	—	~~200~~ <200	Ø
X 4	SV-5-5	528	116	—	-24	—	—	5	7	1/8	12	.75	6	.75	✓	✓	189	<200	—	~~200~~ <200	Ø
+ 5	SV-5-5	533	116	1248	-23.5	1248	Ø	5	7	1/8	12	.75	6	.75	✓	✓	189	<200	—	<200	Ø
6	SV-2-5	526	220	1301	-25	1302	Ø	5	7	1/8	12	.75	6	.75	✓	✓	189	<200	—	<200	Ø
7	SV-3-5	523	344	1322	-25	1323	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	<200	Ø
8	SV-11-5	521	183	1337	-26	1339	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	<200	Ø
9	SV-12-5	516	260	1347	-25.5	1349	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	<200	Ø
10	SV-13-5	513	93	1404	-27	1406	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	<200	Ø
11	SV-15-5	519	202	1415	-26.5	1416	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	<200	Ø
12	SV-14-5	509	173	1425	-27	1427	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	<200	Ø

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

X summa under -25 "Hg @ -23 "Hg
dl 526

+ summa 533 under 25 "Hg

Mobile Geochemistry Inc.

FMS005
Revision: 3
Revised: 1/15/16
Effective: 1/25/16
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS031521-TECH/TECH Date: 3/15/21

Site Address: 13592 Slover Ave, Fontana Page: 2 of 3

Consultant: SCS H&P Rep(s): B. Villarosales

Consultant Rep(s): Tyler Watkins P. Blackburn Reviewed: EC Scanned: TM

Equipment Info
Inline Gauge ID#:
Pump ID#: 010

Purge Volume Information
PV Amount: 3PV
PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☐ H_2O
1	SV-10-5	520	045	1436	-27	1436	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	200	Ø
2	SV-1-5	515	359	1449	-26.5	1451	Ø	5	7	1/8	12	1.5	6	1.5	✓	✓	697	<200	3:29	<200	Ø
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS031521- TRC+1 TECU
Date: 3/15/21
Site Address: 13592 Slover Ave.
Page: 3 of 3
Consultant: SCS
H&P Rep(s): K Schuh / D. Blackman, B. Villarosche
Reviewed: EC
Consultant Rep(s): Tyler
Scanned: T. Torres

Equipment Info
Inline Gauge ID#: —
Pump ID#: 035

Purge Volume Information
PV Amount: 3 PV
PV Includes: ☒ Tubing ☒ Sand 40% ☒ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☒ 1,1-DFA
☐ 1,1,1,2-TFA
☐ IPA
☐ Other:

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☒ H_2O
1	SV-9-5	508	296	1407	-26.0	1409	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	~5
2	SV-7-5	517	360	1422	-25.0	1423	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	~5
3	SV-8-5	514	157	1438	-22.0	1441	-2.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	~5
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):