August 26, 2019

Glen Williams, California Projects Director
Ecosystem Investment Partners
1505 Bridgeway, Suite 107
Sausalito, CA 94965

Subject: Limited Soil Vapor Investigation
Promenade at Glen Avon, Riverside, California
EAI Project No. 80.ECOSYS2.19

EnviroApplications, Inc., (*EAI*) is submitting this report to Ecosystems Investment Partners (Client) providing a summary of our limited soil vapor investigation at the subject property. This report contains details of the investigation performed, and includes *EAI*'s findings, conclusions and recommendations.

SITE DESCRIPTION

The subject property is located on both the north and south sides of State Route 60, east of Pyrite Street, in Jurupa Valley, Riverside County, California (**Figure 1**). According to information provided by the Client, the subject property consists of roughly 97-acres of vacant land, including 47-acres to remain undeveloped open reserve and approximately 50-acres to be developed. The portion of the subject property located north of State Route 60 can be accessed from both Pyrite Street and Granite Hill Drive. The portion of the subject property located to the south of State Route 60 can be accessed from Pyrite Street and Mission Boulevard, and is crossed by the Pyrite Storm Water Channel. The subject property is located in a mixed residential, commercial, light-industrial and open reserve land use area of Jurupa Valley along its western boundary with Glen Avon.

PURPOSE AND OBJECTIVE

The subject property is located immediately down hydraulic gradient (south) of the Stringfellow Acid Pits Superfund site (Stringfellow). Releases from the Stringfellow site have impacted groundwater underlying the subject property with contaminants, including volatile organic compounds (VOCs), that could potentially pose a human health threat due to vapor intrusion into future commercial and residential buildings. Since the proposed development at the subject property contemplates a change in property use from vacant land to either commercial or residential, additional investigation was conducted to assess possible impacts from fugitive contaminants and resultant soil vapor beneath the subject property.

FIELD ACTIVITIES

Prior to conducting field activities, *EAI* staff coordinated site access with the property owner contact and mobilized to the subject property to mark the borings for DigAlert notification. Utility locating services were provided by ULS Services Corp. (ULS), vapor probe installation (i.e., drilling) and laboratory services were provided by H&P Mobile Geochemistry, Inc. (H&P).

Geophysical Survey

On August 12, 2019, a geophysical survey was conducted by ULS on the subject property. The purpose of the geophysical survey was to identify any underground utilities or obstructions that might conflict and/or interfere with subsurface soil sampling. A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were applied to the search area. Utility locators with line tracing capabilities were also brought to the field and used where risers exist onto which a signal could be impressed and traced.

The interpretation took place in real time as the survey progressed. Accordingly, the findings of ULS' investigation were marked on the ground cover at the site using multi-colored spray paint and subsequently photographed. No evidence of existing or former utility lines or obstructions was reported. A copy of the geophysical report is attached.

Soil Vapor Investigation

On August 15 and 20, 2019, *EAI* supervised the installation and sampling of ten (10) single-depth temporary vapor probes and fourteen (14) dual-nested temporary soil vapor probes, identified as V1 through V24 (**Figure 2**). The original intent of the sampling was to install all 24 probes as dual nested (i.e., 5 and 15 feet). However, difficult drilling conditions (i.e. refusal on bedrock) were encountered at locations V1 through V10, necessitating a modification in the installation protocol.

Probe locations V1 and V3 through V10 were set to approximately 5 feet below ground surface (bgs), while probe location V2 was set at approximately 4 feet bgs due to the presence of shallow bedrock. Probe locations V11 through V24 were dual- nested and set to approximately 5 and 15-feet bgs. A truck-mounted Strataprobe® Direct Push drill rig was used to install the soil vapor probes. Upon advancing the boring to the respective sample depth (i.e. 4, 5 or 15 feet bgs), a ⅛ inch diameter Nylaflo™ tubing fitted with a porous sampling tip (to assist in recovering a representative soil gas sample) was placed into each boring. A one-foot thick sand pack, consisting of #3 sand was placed into the borehole covering the sampling tip which in turn was followed by the placement of hydrated bentonite granules to the surface. Probe surface completion consisted of a two-way gas tight sample valve.

Soil gas probes were then left in the ground for a minimum of 120 minutes following installation to allow for subsurface conditions to equilibrate. Soil vapor sample collection and analysis was conducted using an on-site mobile laboratory provided by H&P. A purge volume test was conducted at the first probe location (V11-15) to determine the appropriate sample volume. Soil vapor samples were then collected by extracting sample material from the tip of the vapor probe utilizing a dedicated sampling syringe. Once the soil vapor sample was collected, the syringe was transported to the on-site mobile laboratory for immediate laboratory analysis.

Note: soil gas probe installation was performed in accordance with the Department of Toxic Substances Control (DTSC)/California Regional Water Quality Control Board - Los Angeles Region "Advisory - Active Soil Gas Investigations" guidance, dated July 2015.

LABORATORY ANALYTICAL PROGRAM

The soil vapor samples collected from locations V1 though V24 were analyzed for Volatile Organic Compounds (VOCs) by USEPA Test Method 8260SV. Detectable concentration of VOCs were compared to the Human Health Risk Assessment (Human and Ecological Risk Office [HERO]) Note 3 – Department of Toxic Substances Control modified screening levels for residential air, April 2019 (discussed in detail in the following section). A summary of the laboratory analytical results is provided in **Table 1**. The following bulleted items summarize notable findings:

- Benzene was detected in all samples except samples V2-4, V4-5, V6-5, V13-5, and V21-5. Reported concentrations ranged from 10 micrograms per cubic meter (µg/m^3) to 70 µg/m^3. The benzene concentrations detected were below the calculated soil gas screening level (with an attenuation factor of 0.001) of 97 µg/m^3. None of the other soil gas samples analyzed detected Benzene concentrations above the laboratory reporting limit (i.e., "non-detect").

- Toluene was detected in samples V1-5 (130 µg/m^3), V7-5 (90 µg/m^3), and V15-5 (110 µg/m^3). The Toluene concentrations detected were below the calculated soil gas screening level (with an attenuation factor of 0.001) of 3E+05 µg/m^3. No other soil gas samples analyzed detected Toluene concentrations above the laboratory reporting limit (i.e., "non-detect").

- Xylene was detected in samples V1-5 (50 µg/m^3), V7-5 (60 µg/m^3), and V15-5 (40 µg/m^3). The Xylene concentrations detected were below the calculated soil gas screening level (with an attenuation factor of 0.001) of 100,000 µg/m^3. No other soil gas samples analyzed detected Xylene concentrations above the laboratory reporting limit (i.e., "non-detect").

EVALUATION OF ANALYTICAL RESULTS

EAI evaluated soil gas concentrations for potential vapor intrusion-related health concerns by comparing the laboratory analysis results to screening levels published by the California Environmental Protection Agency - Department of Toxic Substance Control (DTSC, April 2019). The SLs are recommendations for screening soil, tap water and ambient air in both residential and commercial/industrial land use scenarios. The screening levels were derived by calculating the target risk levels for an individual using a cancer risk threshold of one in one million (i.e., one person, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the specific concentration over 70 years) and a noncancer health hazard quotient of 1 (i.e., The ratio of the potential exposure to a substance and the level at which no adverse effects are expected. A hazard quotient of 1 or lower means adverse noncancer effects are unlikely).

The screening levels provided are for ambient air (i.e., within the breathing zone above the ground surface). However, the soil gas results for *EAI*'s sampling are from depths ranging from 4 to 15 feet below ground surface. As stated in the April 2019 DTSC guidance document, the air screening levels for volatile chemicals also have potential applications for screening soil gas data, as is the case here, when used with an appropriate attenuation factor as described in DTSC's Vapor Intrusion Guidance Document (VIG, 2011).

The attenuation factors simulate the implied reduction in contaminant concentrations as it moves upward from the subsurface into ambient air. Subject site data show upward attenuation is occurring when comparing the 5- and 15-foot soil vapor sample analyses, where applicable. According to the VIG, the appropriate attenuation factor for future residential property is 0.001, while the attenuation factor for future

commercial/industrial use is 0.0005. The measured soil gas concentrations is then multiplied by the appropriate attenuation factor to derive the resulting ambient air concentration. This calculated value is then compared to the screening levels for ambient air to determine if a potential cancer or noncancer risk is present. To calculate a soil screening level, the equation is simply reversed, such that the Soil Screening Level = Ambient Air Screening Level x 1/Attenuation Factor. The results of this evaluation are reflected in the attached Table 1.

CONCLUSIONS and RECOMMENDATIONS

The results of our investigation indicate the presence of soil vapor impacts related to a past release of VOCs, likely resulting from transport in groundwater from the upgradient Stringfellow Acid Pits Superfund site. However, none of the reported soil vapor concentrations detected exceed the calculated residential screening levels. In addition, in all locations were multi-depth soil vapor concentrations were reported (predominantly south of State Route 60) there is a marked attenuation of concentrations in the upward direction, indicating a lack of significant exposure risk to future site residents. This risk shall be further reduced during development-related earthwork and grading, where applicable, as this will enhance natural degradation of VOCs in site soil. Based on the results of this investigation, no further investigation related to soil vapor appears to be warranted at this time.

LIMITATIONS

Findings provided herein have been derived in accordance with current standards of practice, and no warranty is expressed or implied. Standards of practice are subject to change with time. This report has been prepared for the sole use of Ecosystem Investment Partners (Client). Client and their lenders may rely on this report (collectively, "Reliance Parties"). Site conditions, land use (both onsite and offsite), or other factors may change due to manmade influences, and additional work may be required with the passage of time.

This evaluation should not be relied upon by other parties without the express written consent of *EAI* or Client; therefore, any use or reliance upon this environmental evaluation by a party other than the Client or the Reliance Parties, shall be solely at the risk of such third party and without legal recourse against *EAI*, its employees, officers, or directors, regardless of whether the action in which recovery of damages is brought or based upon contract, tort, statue, or otherwise.

This report contains information which may be used in the preparation of contract specifications; however, the report is not designed as a specification document, and may not contain sufficient information for use without additional assessment. *EAI* assumes no responsibility or liability for work or testing performed by others.

If you have questions, please contact the undersigned at (805) 987-8728.

Sincerely,

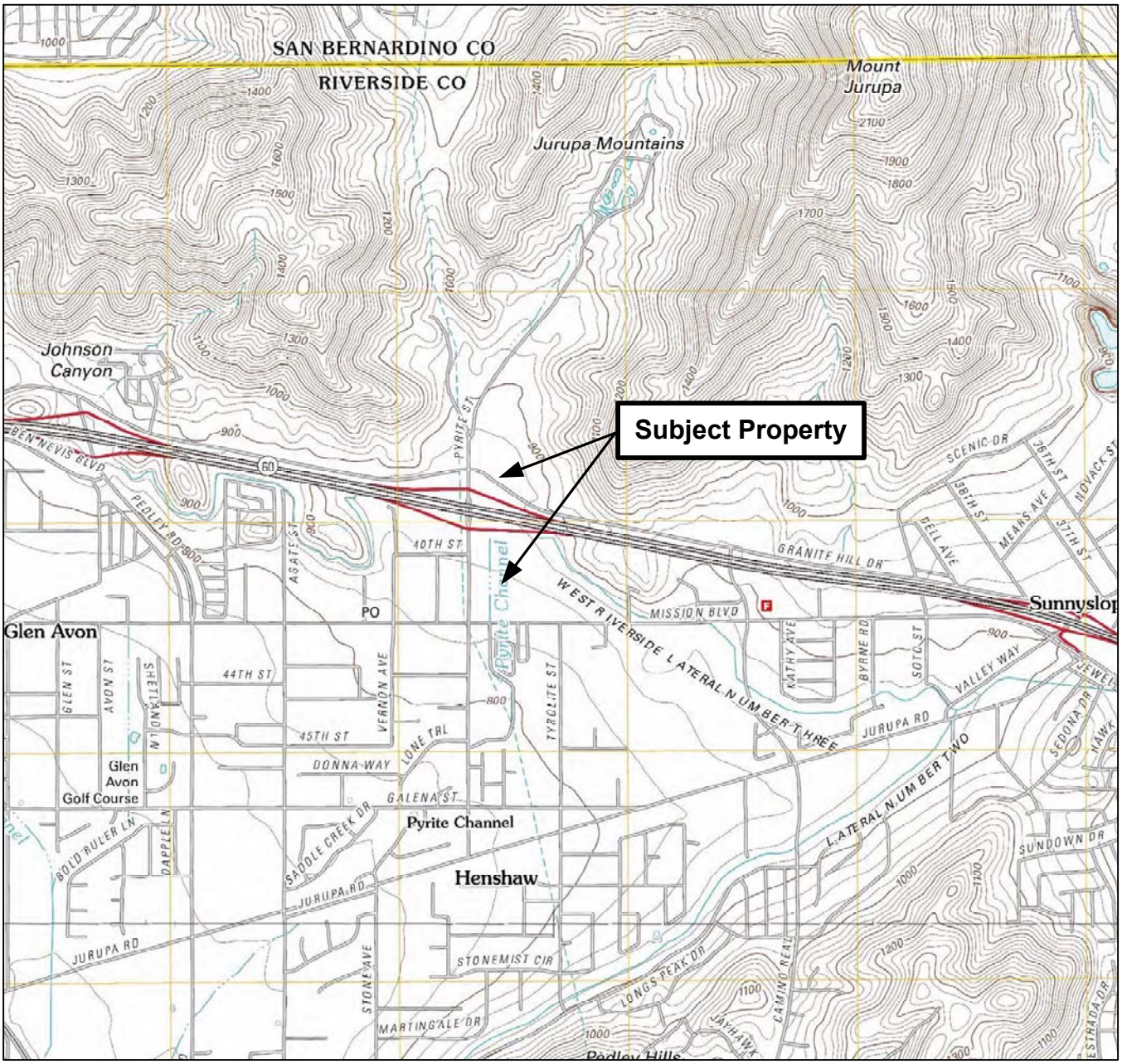
EnviroApplications, Inc.

Bernard Sentianin, PG 5530
Senior Geologist

Craig A. Smith, PG 8225
Principal

Enclosures:

Figures
Table
Geophysical Survey Report
Laboratory Analytical Data



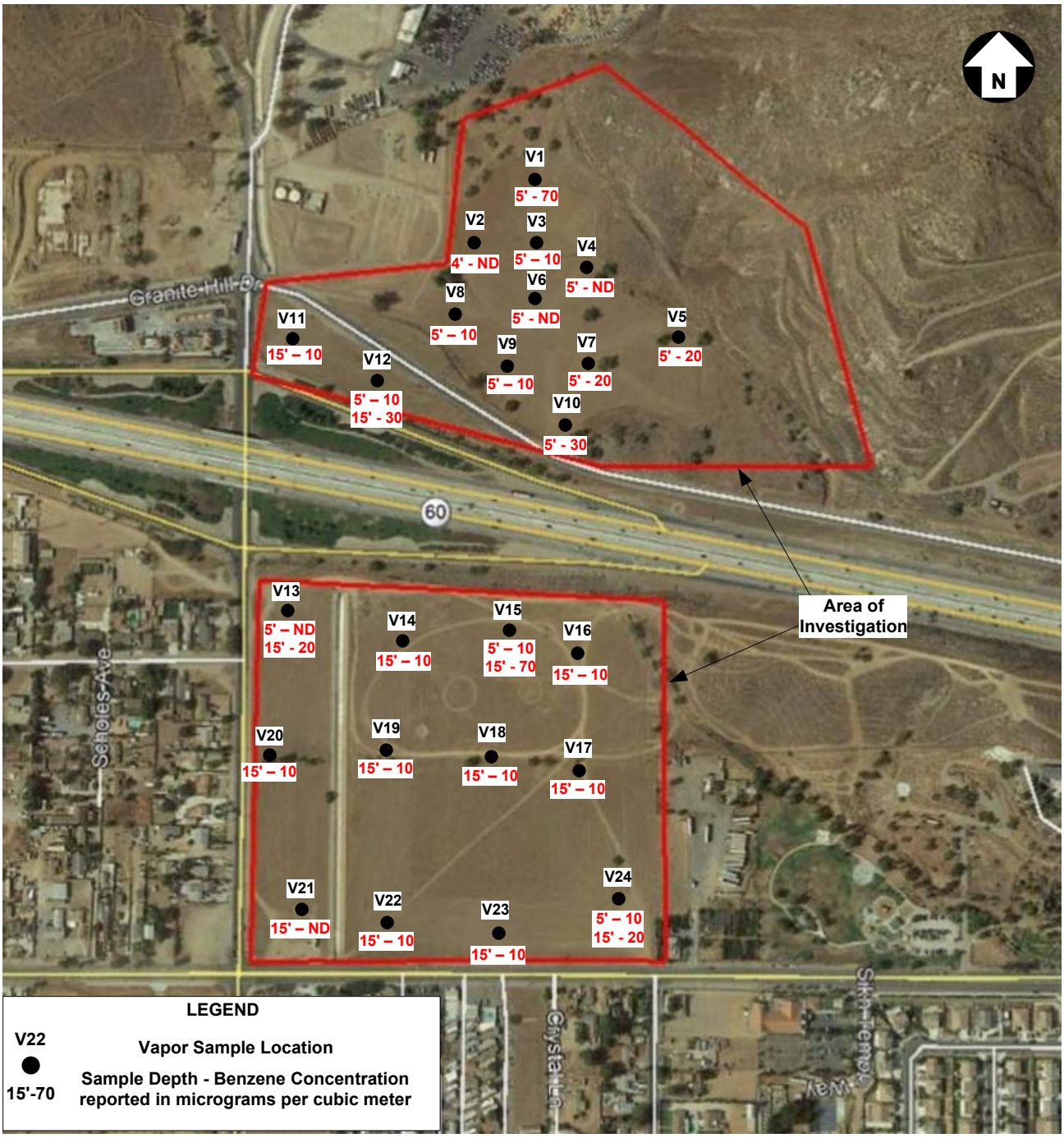
Project No.: 80.ECOSYS2.19

SITE LOCATION MAP
VACANT LAND
Granite Hill Drive & Pyrite Street
Riverside CA 92509

EnviroApplications, Inc.
Engineering & Consulting

2831 Camino Del Rio South
Suite 214, Mission Valley
San Diego, CA 92108-3828

Date: 8-21-2019	Source: USGS, Riverside, West (2012)	Scale: 1" = 2,500'	FIGURE 1
Client: Ecosystem Investment Partners	By: Bernard Sentianin, PG		Revision: 1



Relative Location

Project No.: 80.ECOSYS2.19

SAMPLE LOCATION MAP
VACANT LAND
Granite Hill Drive & Pyrite Street
Riverside CA 92509

EnviroApplications, Inc.
Engineering & Consulting

2831 Camino Del Rio South
Suite 214, Mission Valley
San Diego, CA 92108-3828

Date: 8-21-2019	Source: GoogleEarth (2018)	Scale: 1" = 500'	FIGURE 2

Client: Ecosystem Investment Partners

By: Bernard Sentianin, PG

Revision: 1

TABLE 1
Soil Vapor Sample Results

Sample ID	Date Sampled	Depth (feet bgs)	EPA Test Method 8260SV (reported in µg/m^3)							
			B	T	E	X	PCE	TCE	VC	Other VOC
V1-5	8/15/19	5	70	130	ND	50	ND	ND	ND	LCC - 130
V2-4	8/15/19	4	ND	ND	ND	ND	ND	ND	ND	NA
V3-5	8/15/19	5	10	ND	ND	ND	ND	ND	ND	NA
V4-5	8/15/19	5	ND	ND	ND	ND	ND	ND	ND	NA
V5-5	8/15/19	5	20	ND	ND	ND	ND	ND	ND	NA
V6-5	8/15/19	5	ND	ND	ND	ND	ND	ND	ND	NA
V7-5	8/15/19	5	20	90	ND	60	ND	ND	ND	NA
V8-5	8/15/19	5	10	ND	ND	ND	ND	ND	ND	NA
V9-5	8/15/19	5	10	ND	ND	ND	ND	ND	ND	NA
V10-5	8/15/19	5	30	ND	ND	ND	ND	ND	ND	NA
V11-5	8/15/19	5	10	ND	ND	ND	ND	ND	ND	NA
V12-5	8/15/19	5	10	ND	ND	ND	ND	ND	ND	NA
V12-15	8/15/19	5	30	ND	ND	ND	ND	ND	ND	NA
V13-5	8/15/19	5	ND	ND	ND	ND	ND	ND	ND	NA
V13-15	8/20/19	15	20	ND	ND	ND	ND	ND	ND	NA
V14-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	NA
V15-5	8/20/19	5	20	ND	ND	ND	ND	ND	ND	NA
V15-15	8/20/19	15	70	110	ND	40	ND	ND	ND	NA
V16-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	NA
V17-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	LCC - 60
V18-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	NA
V19-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	LCC - 120
V20-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	LCC - 40
V21-15	8/20/19	15	ND	ND	ND	ND	ND	ND	ND	LCC - 50
V22-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	NA
V23-15	8/20/19	15	10	ND	ND	ND	ND	ND	ND	NA
V24-5	8/20/19	5	10	ND	ND	ND	ND	ND	ND	NA
V24-15	8/20/19	15	20	ND	ND	ND	ND	ND	ND	NA
Laboratory Reporting Limits			20	200	100	100	20	20	10	20-100
DTSC HERO Note 3 Soil Gas Screening Levels (AF=0.001) - Future Residential*			97	3.E+05	NA	1.0E+05	NA	NA	NA	NA
DTSC HERO Note 3 Soil Gas Screening Levels (AF=0.0005) - Future Commercial*			840	2.6E+06	NA	8.8E+05	NA	NA	NA	NA

bgs = below ground surface; ID = identification; ft = feet; ND = "non-detect" or less than the laboratory reporting limit; µg/m3 = micrograms per cubic meter; AF = Attenuation Factor per DTSC Final Guidance for the Evaluation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance), October 2011; B = Benzene; PCE = Tetrachloroethene; T = Toluene; TCE = Trichloroethene; cis-DCE = cis-1,2-Dichloroethene; E = Ethylbenzene; VC = Vinyl Chloride; X = Xylenes; LCC = Leak Check Compound (1,1,-diflouroethane); VOCs = Volatile Organic Compounds. NOTE: only chemicals of concern are shown; complete laboratory analytical results are provided as a report attachment. DTSC HERO Note 3 = California Department of Toxic Substances Control Human and Ecological Risk Office Note Number 3 -DTSC Modified Screening Levels, April 2019. *Note: Screening level for Xylenes is from USEPA Regional Screening Levels (RSL), April 2019. Soil Gas Screening Level = Ambient Air Screening Level x 1/AF.

Mobile Geochemistry Inc.

23 August 2019

Craig Smith
EnviroApplications, Inc.
2831 Camino Del Rio South, Suite 214
San Diego, CA 92108

H&P Project: EAP081519-L4
Client Project: 80.ECOSYS2.19 / Jurupa Valley

Dear Craig Smith:

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 8/15/2019 -8/20/2019 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,

Janis La Roux
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC). H&P is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P Mobile
Geochemistry Inc.

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

EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V11-15	E908079-01	Vapor	15-Aug-19	15-Aug-19
V12-15	E908079-02	Vapor	15-Aug-19	15-Aug-19
V12-5	E908079-03	Vapor	15-Aug-19	15-Aug-19
V12-15 Rep	E908079-04	Vapor	15-Aug-19	15-Aug-19
V2-4	E908079-05	Vapor	15-Aug-19	15-Aug-19
V1-5	E908079-06	Vapor	15-Aug-19	15-Aug-19
V3-5	E908079-07	Vapor	15-Aug-19	15-Aug-19
V6-5	E908079-08	Vapor	15-Aug-19	15-Aug-19
V4-5	E908079-09	Vapor	15-Aug-19	15-Aug-19
V5-5	E908079-10	Vapor	15-Aug-19	15-Aug-19
V7-5	E908079-11	Vapor	15-Aug-19	15-Aug-19
V10-5	E908079-12	Vapor	15-Aug-19	15-Aug-19
V9-5	E908079-13	Vapor	15-Aug-19	15-Aug-19
V8-5	E908079-14	Vapor	15-Aug-19	15-Aug-19
V13-5	E908079-15	Vapor	15-Aug-19	15-Aug-19
V13-15	E908096-01	Vapor	20-Aug-19	20-Aug-19
V15-15	E908096-02	Vapor	20-Aug-19	20-Aug-19
V15-5	E908096-03	Vapor	20-Aug-19	20-Aug-19
V14-15	E908096-04	Vapor	20-Aug-19	20-Aug-19
V16-15	E908096-05	Vapor	20-Aug-19	20-Aug-19
V17-15	E908096-06	Vapor	20-Aug-19	20-Aug-19
V18-15	E908096-07	Vapor	20-Aug-19	20-Aug-19
V19-15	E908096-08	Vapor	20-Aug-19	20-Aug-19
V20-15	E908096-09	Vapor	20-Aug-19	20-Aug-19
V21-15	E908096-10	Vapor	20-Aug-19	20-Aug-19
V22-15	E908096-11	Vapor	20-Aug-19	20-Aug-19
V23-15	E908096-12	Vapor	20-Aug-19	20-Aug-19
V24-15	E908096-13	Vapor	20-Aug-19	20-Aug-19

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2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V15-15 Rep	E908096-14	Vapor	20-Aug-19	20-Aug-19
V24-5	E908096-15	Vapor	20-Aug-19	20-Aug-19

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Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V11-15 (E908079-01) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V11-15 (E908079-01) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*94.4 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*81.6 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*90.9 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.5 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V12-15 (E908079-02) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**30**	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V12-15 (E908079-02) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*86.2 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*75.5 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*88.6 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*89.2 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V12-5 (E908079-03) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V12-5 (E908079-03) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*85.1 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*75.3 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*89.0 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*136 %*	*75-125*		"	"	"	"	*S-GC*

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V12-15 Rep (E908079-04) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**30**	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V12-15 Rep (E908079-04) Vapor	**Sampled: 15-Aug-19**	**Received: 15-Aug-19**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*95.2 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*82.1 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*92.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*87.7 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V2-4 (E908079-05) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

H&P Mobile
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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V2-4 (E908079-05) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*96.1 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*99.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*76.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.5 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

V1-5 (E908079-06) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19 **J- Report**

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
1,1-Difluoroethane (LCC)	**130**		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**70**	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	**130**	80	200	"	"	"	"	"	"	J
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V1-5 (E908079-06) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	**50**	40	100	"	"	"	"	"	"	J
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane	*89.4 %*	*75-125*	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*76.8 %*	*75-125*	"	"	"	"
Surrogate: Toluene-d8	*89.8 %*	*75-125*	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*94.4 %*	*75-125*	"	"	"	"

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

V3-5 (E908079-07) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19 **J- Report**

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V3-5 (E908079-07) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*94.7 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*76.9 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*91.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*92.7 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V6-5 (E908079-08) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V6-5 (E908079-08) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*95.5 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*85.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*93.6 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.6 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V4-5 (E908079-09) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V4-5 (E908079-09) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*94.5 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*86.7 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*92.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.0 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V5-5 (E908079-10) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**20**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V5-5 (E908079-10) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*91.5 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*78.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*89.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*90.7 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V7-5 (E908079-11) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**20**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	**90**	80	200	"	"	"	"	"	"	J
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V7-5 (E908079-11) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	**60**	40	100	"	"	"	"	"	"	J
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	**50**	40	100	"	"	"	"	"	"	J
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane	*94.3 %*	*75-125*	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*81.4 %*	*75-125*	"	"	"	"
Surrogate: Toluene-d8	*89.1 %*	*75-125*	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*96.0 %*	*75-125*	"	"	"	"

H&P Mobile
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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V10-5 (E908079-12) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**30**	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V10-5 (E908079-12) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*90.9 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*77.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*90.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.7 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V9-5 (E908079-13) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V9-5 (E908079-13) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*96.5 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*85.9 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*90.1 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*92.4 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V8-5 (E908079-14) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V8-5 (E908079-14) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*91.2 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*81.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*91.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*89.1 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V13-5 (E908079-15) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

H&P Mobile
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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V13-5 (E908079-15) Vapor Sampled: 15-Aug-19 Received: 15-Aug-19										**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH91506	15-Aug-19	15-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*86.9 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*76.6 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*88.9 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.7 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V13-15 (E908096-01) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**20**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V13-15 (E908096-01) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*90.8 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*88.2 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*90.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.4 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V15-15 (E908096-02) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**70**	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	**110**	80	200	"	"	"	"	"	"	J
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V15-15 (E908096-02) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*94.0 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*91.4 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*92.3 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*94.3 %*	*75-125*		"	"	"	"	

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2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V15-5 (E908096-03) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**20**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V15-5 (E908096-03) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*95.8 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*87.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*93.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.3 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V14-15 (E908096-04) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V14-15 (E908096-04) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*93.6 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*85.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*91.9 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*87.9 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V16-15 (E908096-05) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V16-15 (E908096-05) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*101 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*96.5 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*94.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*93.5 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V17-15 (E908096-06) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V17-15 (E908096-06) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*92.2 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*80.4 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*91.9 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*88.1 %*	*75-125*		"	"	"	"	

H&P Mobile
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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V18-15 (E908096-07) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V18-15 (E908096-07) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*95.2 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*84.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*91.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*90.8 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V19-15 (E908096-08) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	**120**		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V19-15 (E908096-08) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*94.1 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*82.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*89.7 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.7 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V20-15 (E908096-09) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V20-15 (E908096-09) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*92.5 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*87.4 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*89.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.3 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V21-15 (E908096-10) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

H&P Mobile
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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V21-15 (E908096-10) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*95.4 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*86.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*90.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*93.8 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V22-15 (E908096-11) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V22-15 (E908096-11) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*94.2 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*83.0 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*92.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*85.5 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V23-15 (E908096-12) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V23-15 (E908096-12) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*100 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*86.7 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*91.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*90.0 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V24-15 (E908096-13) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**20**	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V24-15 (E908096-13) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*96.4 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*90.6 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*92.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.6 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V15-15 Rep (E908096-14) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**70**	10	20	"	"	"	"	"	"	
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	**110**	80	200	"	"	"	"	"	"	J
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V15-15 Rep (E908096-14) Vapor	**Sampled: 20-Aug-19**	**Received: 20-Aug-19**								
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	**40**	40	100	"	"	"	"	"	"	J
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane	*88.9 %*	*75-125*	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*80.6 %*	*75-125*	"	"	"	"
Surrogate: Toluene-d8	*91.5 %*	*75-125*	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.7 %*	*75-125*	"	"	"	"

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V24-5 (E908096-15) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	**10**	10	20	"	"	"	"	"	"	J
Trichloroethene	ND	10	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
V24-5 (E908096-15) Vapor Sampled: 20-Aug-19 Received: 20-Aug-19										
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EH92007	20-Aug-19	20-Aug-19	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*92.9 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*86.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*93.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*87.5 %*	*75-125*		"	"	"	"	

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

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 EH91506 - EPA 5030										
Blank (EH91506-BLK1)				Prepared & Analyzed: 15-Aug-19						
1,1-Difluoroethane (LCC)	ND	100	ug/m3							
Dichlorodifluoromethane (F12)	ND	100	"							
Chloromethane	ND	100	"							
Vinyl chloride	ND	10	"							
Bromomethane	ND	100	"							
Chloroethane	ND	100	"							
Trichlorofluoromethane (F11)	ND	100	"							
1,1-Dichloroethene	ND	100	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"							
Methylene chloride (Dichloromethane)	ND	100	"							
Methyl tertiary-butyl ether (MTBE)	ND	100	"							
trans-1,2-Dichloroethene	ND	100	"							
1,1-Dichloroethane	ND	100	"							
2,2-Dichloropropane	ND	100	"							
cis-1,2-Dichloroethene	ND	100	"							
Chloroform	ND	20	"							
Bromochloromethane	ND	100	"							
1,1,1-Trichloroethane	ND	100	"							
1,1-Dichloropropene	ND	100	"							
Carbon tetrachloride	ND	20	"							
1,2-Dichloroethane (EDC)	ND	20	"							
Benzene	ND	20	"							
Trichloroethene	ND	20	"							
1,2-Dichloropropane	ND	100	"							
Bromodichloromethane	ND	100	"							
Dibromomethane	ND	100	"							
cis-1,3-Dichloropropene	ND	100	"							
Toluene	ND	200	"							
trans-1,3-Dichloropropene	ND	100	"							
1,1,2-Trichloroethane	ND	100	"							
1,2-Dibromoethane (EDB)	ND	100	"							
1,3-Dichloropropane	ND	100	"							
Tetrachloroethene	ND	20	"							
Dibromochloromethane	ND	100	"							

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2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

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 EH91506 - EPA 5030										
Blank (EH91506-BLK1)				Prepared & Analyzed: 15-Aug-19						
Chlorobenzene	ND	20	ug/m3							
Ethylbenzene	ND	100	"							
1,1,1,2-Tetrachloroethane	ND	100	"							
m,p-Xylene	ND	100	"							
o-Xylene	ND	100	"							
Styrene	ND	100	"							
Bromoform	ND	100	"							
Isopropylbenzene (Cumene)	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	100	"							
1,2,3-Trichloropropane	ND	100	"							
n-Propylbenzene	ND	100	"							
Bromobenzene	ND	100	"							
1,3,5-Trimethylbenzene	ND	100	"							
2-Chlorotoluene	ND	100	"							
4-Chlorotoluene	ND	100	"							
tert-Butylbenzene	ND	100	"							
1,2,4-Trimethylbenzene	ND	100	"							
sec-Butylbenzene	ND	100	"							
p-Isopropyltoluene	ND	100	"							
1,3-Dichlorobenzene	ND	100	"							
1,4-Dichlorobenzene	ND	100	"							
n-Butylbenzene	ND	100	"							
1,2-Dichlorobenzene	ND	100	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2,4-Trichlorobenzene	ND	100	"							
Hexachlorobutadiene	ND	100	"							
Naphthalene	ND	20	"							
1,2,3-Trichlorobenzene	ND	100	"							
Surrogate: Dibromofluoromethane	*450*		*"*	*500*		*90.1*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*389*		*"*	*500*		*77.8*	*75-125*			
Surrogate: Toluene-d8	*456*		*"*	*500*		*91.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*442*		*"*	*500*		*88.4*	*75-125*			

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San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

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 EH91506 - EPA 5030										
LCS (EH91506-BS1)				Prepared & Analyzed: 15-Aug-19						
Dichlorodifluoromethane (F12)	3600	500	ug/m3	5000		72.0	70-130			
Vinyl chloride	4500	50	"	5000		89.4	70-130			
Chloroethane	4100	500	"	5000		83.0	70-130			
Trichlorofluoromethane (F11)	4300	500	"	5000		85.4	70-130			
1,1-Dichloroethene	5500	500	"	5000		110	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5800	500	"	5000		116	70-130			
Methylene chloride (Dichloromethane)	5400	500	"	5000		108	70-130			
trans-1,2-Dichloroethene	5300	500	"	5000		107	70-130			
1,1-Dichloroethane	5000	500	"	5000		100	70-130			
cis-1,2-Dichloroethene	5100	500	"	5000		102	70-130			
Chloroform	5000	100	"	5000		100	70-130			
1,1,1-Trichloroethane	4800	500	"	5000		96.9	70-130			
Carbon tetrachloride	5000	100	"	5000		100	70-130			
1,2-Dichloroethane (EDC)	4700	100	"	5000		94.3	70-130			
Benzene	5000	100	"	5000		100	70-130			
Trichloroethene	5600	100	"	5000		111	70-130			
Toluene	4500	1000	"	5000		90.7	70-130			
1,1,2-Trichloroethane	5100	500	"	5000		101	70-130			
Tetrachloroethene	5100	100	"	5000		103	70-130			
Ethylbenzene	5200	500	"	5000		104	70-130			
1,1,1,2-Tetrachloroethane	5300	500	"	5000		107	70-130			
m,p-Xylene	11000	500	"	10000		109	70-130			
o-Xylene	5000	500	"	5000		99.6	70-130			
1,1,2,2-Tetrachloroethane	4900	500	"	5000		97.5	70-130			
Surrogate: Dibromofluoromethane	*2200*		*"*	*2500*		*88.1*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2010*		*"*	*2500*		*80.3*	*75-125*			
Surrogate: Toluene-d8	*2300*		*"*	*2500*		*91.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2480*		*"*	*2500*		*99.0*	*75-125*			

H&P Mobile
Geochemistry Inc.

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

EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

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 EH92007 - EPA 5030										
Blank (EH92007-BLK1)				Prepared & Analyzed: 20-Aug-19						
1,1-Difluoroethane (LCC)	ND	100	ug/m3							
Dichlorodifluoromethane (F12)	ND	100	"							
Chloromethane	ND	100	"							
Vinyl chloride	ND	10	"							
Bromomethane	ND	100	"							
Chloroethane	ND	100	"							
Trichlorofluoromethane (F11)	ND	100	"							
1,1-Dichloroethene	ND	100	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"							
Methylene chloride (Dichloromethane)	ND	100	"							
Methyl tertiary-butyl ether (MTBE)	ND	100	"							
trans-1,2-Dichloroethene	ND	100	"							
1,1-Dichloroethane	ND	100	"							
2,2-Dichloropropane	ND	100	"							
cis-1,2-Dichloroethene	ND	100	"							
Chloroform	ND	20	"							
Bromochloromethane	ND	100	"							
1,1,1-Trichloroethane	ND	100	"							
1,1-Dichloropropene	ND	100	"							
Carbon tetrachloride	ND	20	"							
1,2-Dichloroethane (EDC)	ND	20	"							
Benzene	ND	20	"							
Trichloroethene	ND	20	"							
1,2-Dichloropropane	ND	100	"							
Bromodichloromethane	ND	100	"							
Dibromomethane	ND	100	"							
cis-1,3-Dichloropropene	ND	100	"							
Toluene	ND	200	"							
trans-1,3-Dichloropropene	ND	100	"							
1,1,2-Trichloroethane	ND	100	"							
1,2-Dibromoethane (EDB)	ND	100	"							
1,3-Dichloropropane	ND	100	"							
Tetrachloroethene	ND	20	"							
Dibromochloromethane	ND	100	"							

H&P Mobile
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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

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 EH92007 - EPA 5030										
Blank (EH92007-BLK1)				Prepared & Analyzed: 20-Aug-19						
Chlorobenzene	ND	20	ug/m3							
Ethylbenzene	ND	100	"							
1,1,1,2-Tetrachloroethane	ND	100	"							
m,p-Xylene	ND	100	"							
o-Xylene	ND	100	"							
Styrene	ND	100	"							
Bromoform	ND	100	"							
Isopropylbenzene (Cumene)	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	100	"							
1,2,3-Trichloropropane	ND	100	"							
n-Propylbenzene	ND	100	"							
Bromobenzene	ND	100	"							
1,3,5-Trimethylbenzene	ND	100	"							
2-Chlorotoluene	ND	100	"							
4-Chlorotoluene	ND	100	"							
tert-Butylbenzene	ND	100	"							
1,2,4-Trimethylbenzene	ND	100	"							
sec-Butylbenzene	ND	100	"							
p-Isopropyltoluene	ND	100	"							
1,3-Dichlorobenzene	ND	100	"							
1,4-Dichlorobenzene	ND	100	"							
n-Butylbenzene	ND	100	"							
1,2-Dichlorobenzene	ND	100	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2,4-Trichlorobenzene	ND	100	"							
Hexachlorobutadiene	ND	100	"							
Naphthalene	ND	20	"							
1,2,3-Trichlorobenzene	ND	100	"							
Surrogate: Dibromofluoromethane	*454*		*"*	*500*		*90.9*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*415*		*"*	*500*		*83.0*	*75-125*			
Surrogate: Toluene-d8	*454*		*"*	*500*		*90.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*452*		*"*	*500*		*90.5*	*75-125*			

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

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 EH92007 - EPA 5030										
LCS (EH92007-BS1)				Prepared & Analyzed: 20-Aug-19						
Dichlorodifluoromethane (F12)	4200	500	ug/m3	5000		83.5	70-130			
Vinyl chloride	4800	50	"	5000		95.9	70-130			
Chloroethane	4300	500	"	5000		86.1	70-130			
Trichlorofluoromethane (F11)	4700	500	"	5000		94.9	70-130			
1,1-Dichloroethene	5900	500	"	5000		118	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	6100	500	"	5000		121	70-130			
Methylene chloride (Dichloromethane)	5600	500	"	5000		112	70-130			
trans-1,2-Dichloroethene	5600	500	"	5000		111	70-130			
1,1-Dichloroethane	5200	500	"	5000		104	70-130			
cis-1,2-Dichloroethene	5300	500	"	5000		107	70-130			
Chloroform	5600	100	"	5000		111	70-130			
1,1,1-Trichloroethane	5500	500	"	5000		110	70-130			
Carbon tetrachloride	5600	100	"	5000		113	70-130			
1,2-Dichloroethane (EDC)	5000	100	"	5000		99.2	70-130			
Benzene	5200	100	"	5000		105	70-130			
Trichloroethene	5900	100	"	5000		118	70-130			
Toluene	4700	1000	"	5000		94.4	70-130			
1,1,2-Trichloroethane	5300	500	"	5000		107	70-130			
Tetrachloroethene	5200	100	"	5000		104	70-130			
Ethylbenzene	5100	500	"	5000		103	70-130			
1,1,1,2-Tetrachloroethane	5200	500	"	5000		103	70-130			
m,p-Xylene	11000	500	"	10000		112	70-130			
o-Xylene	5000	500	"	5000		100	70-130			
1,1,2,2-Tetrachloroethane	4800	500	"	5000		96.0	70-130			
Surrogate: Dibromofluoromethane	*2330*		*"*	*2500*		*93.2*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2170*		*"*	*2500*		*86.8*	*75-125*			
Surrogate: Toluene-d8	*2320*		*"*	*2500*		*92.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2430*		*"*	*2500*		*97.1*	*75-125*			

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EnviroApplications, Inc.	Project: EAP081519-L4	
2831 Camino Del Rio South, Suite 214	Project Number: 80.ECOSYS2.19 / Jurupa Valley	Reported:
San Diego, CA 92108	Project Manager: Craig Smith	23-Aug-19 15:28

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
J- Report	This sample is reported to the MDL or LOD determined for this method. All confirmed hits above the listed MDL or LOD value and below the RL/LOQ, will be flagged with a "J" result. If an MDL or LOD is not listed, the analyte is ND at the RL.
J	Detected but below the RL/LOQ; therefore, result is an estimated concentration.
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, H&P 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.

H&P Mobile Geochemistry, Inc.

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VAPOR / AIR Chain of Custody

DATE: 8/15/19
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Enviro Applications Inc.	Project Name / #: 80. ECOSYS2.19
Lab Client Project Manager: Craig Smith	Project Location: 8190 Granite Hill
Lab Client Address: 2831 Camino del Rio South, Suite 214	Report E-Mail(s): csmith@enviroapplications.com bsentiminc@enviroapplications.com
Lab Client City, State, Zip: San Diego, CA 92108	
Phone Number: 619-291-3636	

Sample Receipt (Lab Use Only)

Date Rec'd: 8/15/19	Control #: 190720.02
H&P Project #: EAP081519-L4	
Lab Work Order #: E908079	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #:	Lab PM Initials:

Reporting Requirements

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

Turnaround Time

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

Sampler Information

Sampler(s): Bryce Thompson
Signature:
Date: 8/15/19

Additional Instructions to Laboratory:

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

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
V11-15		8/15/19	1115	SV	Syringe	267/245		X						X							
(BT) ~~V11~~ V12-15		8/15/19	1135	SV	Syringe	172/87		X						X							
V12-5		8/15/19	1201	SV	Syringe	267/245		X						X							
V12-15 Rep		8/15/19	1230	SV	Syringe	172/87		X						X							
V2-4		8/15/19	1301	SV	Syringe	267/245		X						X							
V1-5		8/15/19	1320	SV	Syringe	172/87		X						X							
V3-5		8/15/19	1337	SV	Syringe	267/245		X						X							
V6-5		8/15/19	1401	SV	Syringe	172/87		X						X							
V4-5		8/15/19	1425	SV	Syringe	267/245		X						X							
V5-5		8/15/19	~~1503~~ 1443	SV	Syringe	172/87		X						X							

Approved/Relinquished by:	Company: EAI (BT)	Date:	Time:	Received by: Bryce Thompson	Company: HEP	Date: 8/15/19	Time: 1700
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

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VAPOR / AIR Chain of Custody

DATE: 8/15/19
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Enviro Applications Inc	Project Name / #: 80. ECO5452.19
Lab Client Project Manager: Craig Smith	Project Location: 8190 Granite Hill
Lab Client Address: 2831 Camino del Rio South, Suite 205	Report E-Mail(s):
Lab Client City, State, Zip: San Diego, CA 92108	
Phone Number: 619-291-3636	

Sample Receipt (Lab Use Only)

Date Rec'd: 8/15/19	Control #: 19072002
H&P Project # EAP08519-L4	
Lab Work Order # E908079	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #:	Lab PM Initials:

Reporting Requirements

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

Turnaround Time

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

Sampler Information

Sampler(s): Bryce Thompson
Signature:
Date: 8/15/19

Additional Instructions to Laboratory:

~~☒ µg/L~~ ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
V7-5		8/15/19	1507	SV	syringe	267/245		X						X						
V10-5		8/15/19	1527	SV	syringe	172/67		X						X						
V9-5		8/15/19	1548	SV	syringe	267/245		X						X						
V8-5		8/15/19	1602	SV	syringe	172/87		X						X						
V13-5		8/15/19	1626	SV	syringe	267/245		X						X						

Approved/Relinquished by:	Company: EAI	Date:	Time:	Received by: Bryce Thompson	Company: H&P	Date: 8/15/19	Time: 1700
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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VAPOR / AIR Chain of Custody

DATE: 8/20/19
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Enviro Applications	Project Name / #: 80. ECOSYS 2.19
Lab Client Project Manager: Craig Smith	Project Location: 8190 Granite Hill Dr.
Lab Client Address: 2831 Camino Del Rio, Suite 214	Report E-Mail(s): csmith@enviroapplications.com
Lab Client City, State, Zip: San Diego, CA 92108	bsentiamin@ " "
Phone Number: 619-291-3636	

Sample Receipt (Lab Use Only)

Date Rec'd: 8/20/19	Control #: 190720.02
H&P Project # EAP081519-L4	
Lab Work Order # E9080916	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp: KT
Outside Lab:	
Receipt Notes/Tracking #:	Lab PM Initials:

Reporting Requirements

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

Turnaround Time

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

Sampler Information

Sampler(s): Bryce Thompson
Signature: [signature]
Date: 8/20/19

Additional Instructions to Laboratory:

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

Sample names are "V" lse 8/23/19

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SV13-15		8/20/19	1130	SV	Syringe	267/245		X						X						
SV15-15		8/20/19	1150 1205	SV	Syringe	172/87		X						X						
SV15-5		8/20/19	1230	SV	Syringe	267/245		X						X						
SV14-15		8/20/19	1250	SV	Syringe	172/87		X						X						
SV16-15		8/20/19	1315	SV	Syringe	267/245		X						X						
SV17-15		8/20/19	1338	SV	Syringe	172/87		X						X						
SV18-15		8/20/19	1356	SV	Syringe	267/245		X						X						
SV19-15		8/20/19	1416	SV	Syringe	172/87		X						X						
SV20-15		8/20/19	1438	SV	Syringe	267/245		X						X						
SV21-15		8/20/19	1500	SV	Syringe	172/87		X						X						

Approved/Relinquished by: [signature]	Company: EAI	Date:	Time:	Received by: Bryce Thompson	Company: H&P	Date: 8/20/19	Time: 1700
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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VAPOR / AIR Chain of Custody

DATE: 8/20/19
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Enviro Applications.	Project Name / #: 80.ECOSYS2.19
Lab Client Project Manager: Craig Smith	Project Location: 890 Granite Hill Dr.
Lab Client Address: 2831 Camino Del Rio	Report E-Mail(s): CSmith@enviroapplications.com
Lab Client City, State, Zip: San Diego, CA 92108	
Phone Number: 619-291-3386	

Sample Receipt (Lab Use Only)

Date Rec'd: 8/20/19	Control #: 190720SS
H&P Project # EAP0815A-L4	
Lab Work Order # E908096	
Sample Intact: ☑ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #:	Lab PM Initials:

Reporting Requirements

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

Turnaround Time

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

Sampler Information

Sampler(s): Bryce Thompson
Signature:
Date: 8/20/19

Additional Instructions to Laboratory:

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

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SV 22-15		8/20/19	1522	SV	Syringe	267/245		X						X						
SV23-15		8/20/19	1540	SV	Syringe	172/87		X						X						
SV24-15		8/20/19	1557	SV	Syringe	267/245		X						X						
SV15-15 Rep		8/20/19	1620	SV	Syringe	172/87		X						X						
SV24-15 (B)		8/20/19	1638	SV	Syringe	267/245		X						X						

Approved/Relinquished by:	Company: EAI	Date:	Time:	Received by: Bryce Thompson	Company: H&P	Date: 8/20/19	Time: 1700
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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FMS004
Revision: 4
Revised: 3/22/2017
Effective: 3/24/2017
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: EAP0815A-L4 Date: 8/15/19

Site Address: 8190 Granite Hill Page: 1 of 2

Consultant: Enviro Applications H&P Rep(s): Bryce Thompson

Consultant Rep(s): Bernie

Reviewed: EC

Scanned:

Equipment Info
Inline Gauge ID#: 26
Pump ID#: 40

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

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

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	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	V11-15	267/245	100	1115	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
2	V12-15	87/172	100	1135	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
3	V12-5	267/245	100	1201	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
4	V12-15 Rep	87/172	100	1230	15	17	1/8	12	1.5	6	1.5	✓	✓	843	200	3:44	<200	0"
5	V2-5	267/245	100	1301	4	6	1/8	12	1.5	6	1.5	✓	✓	694	200	3:28	<200	0"
6	V1-5	87/172	100	1320	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
7	V3-5	267/245	100	1337	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
8	V6-5	87/172	100	1401	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
9	V4-5	267/245	100	1425	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
10	V5-5	87/172	100	1445	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
11	V7-5	267/245	100	1507	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
12	V10-5	87/172	100	1527	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"

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.

FMS004
Revision: 4
Revised: 3/22/2017
Effective: 3/24/2017
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: EAP081519-LH
Date: 8/15/19
Site Address: 8190 Granite Hill
Page: 2 of 2
Consultant: Enviro Applications
H&P Rep(s): Bryce Thompson
Consultant Rep(s): Bernie
Reviewed: EC
Scanned: JSE

Equipment Info
Inline Gauge ID#: 26
Pump ID#: 40

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:

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	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	V9-5	267/245	100	1548	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
2	V8-5	172/87	100	1602	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
3	V13-5	267/245	100	1626	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0"
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.

FMS004
Revision: 4
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Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: EAP0819519-L4 (1st) Date: 8/20/19
Site Address: 8190 Granite Dr. Page: 1 of 2
Consultant: Enviro Applications H&P Rep(s): Bryce Thompson
Consultant Rep(s): Bernie S. Kari S. (1st) Dave Falkenbush
Reviewed: EC
Scanned: CJS

Equipment Info
Inline Gauge ID#: (1st) 26
Pump ID#: 40

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:

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	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	SV13-15	267/245	100	1150	15	17	1/8	12	1.5	6	1.5	✓	✓	726	(1st) 200	3:38	<200	0"
2	SV15-15	172/87	100	1255	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	50"
3	SV15-5	267/245	100	1230	5	7	1/8	12	1.5	12	1.5	✓	✓	958	200	4:47	<200	0"
4	SV14-15	172/87	100	1250	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
5	SV16-15	267/245	100	13:15	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
6	SV17-15	172/87	100	13:36	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
7	SV18-15	267/245	100	13:56	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
8	SV19-15	172/87	100	14:16	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
9	SV20-15	267/245	100	14:38	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
10	SV21-15	172/87	100	15:00	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
11	SV22-15	267/245	100	15:22	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"
12	SV23-15	172/87	100	15:40	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0"

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
* Sample ID → NO "SS" = example → V13-15, other logsheets & COC's are correct.

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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: EAP081519 - LH Date: 8/20/19

Site Address: 8190 Granite Dr. Page: 2 of 2

Consultant: Enviro Applications H&P Rep(s): Bryce Thompson

Consultant Rep(s): Bernie S. Kari S. Dave Balkenbush.

Reviewed: EC

Scanned: YSE

Equipment Info
Inline Gauge ID#: 26
Pump ID#: 40

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

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

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	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
	Sample Information				**Probe Specs**							**Purge & Collection Information**						
1	SV24-15	267/245	100	15:57	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	6"
* 2	SV 15-15 Rep	172/87	100	16:20	15	17	1/8	12	1.5	6	1.5	✓	✓	843	200	NA	<200	50"
3	SV24-5	267/245	100	16:38	5	7	1/8	12	1.5	12	1.5	✓	✓	956	200	4:47	<200	6"
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):
②Rep PV= 726+100+17= 843