ANALYTICAL REPORT

Prepared by
Leidos, Inc.
Scientific, Engineering, Response and Analytical Services

Peninsula Blvd VI
Hewlett, New York

May 2021

EPA Work Assignment No. SERAS-367
LEIDOS Work Order No. SER00367
EPA Contract No. EP-W-09-031

Submitted to
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TESTING LABORATORIES INFORMATION

Analysis of Volatile Organic Compounds in Air by SERAS SOP #1814 "*Analysis of Volatile Organic Compounds (VOCs) in SUMMA Canister Air Samples by Gas Chromatography/Mass Spectrometry (GC/MS)"* that is based on EPA Method TO-15 *"Determination of Volatile Organic Compounds in Air Collected on Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)"*

ERT/SERAS Laboratory
2890 Woodbridge Avenue
Edison, NJ 08837

All analyses were performed according to NELAP-approved quality assurance program. The test results meet the requirements of the current NELAP standards, where applicable, except as noted in the laboratory case narrative provided. Results are intended to be considered in their entirety and apply only to those analyzed and reported herein.

ERT/SERAS Laboratory is certified by the New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID # 12023 for VOC analysis in air.

DETAILED SAMPLE INFORMATION

Lab Sample #	Field Sample #
L104002-01	367-0074
L104002-02	367-0075
L104002-03	367-0076
L104002-04	367-0077
L104002-05	367-0078
L104002-06	367-0079
L104002-07	367-0080
L104002-08	367-0081
L104002-09	367-0082
L104002-10	367-0083
L104002-11	367-0084
L104002-12	367-0085
L104002-13	367-0086
L104002-14	367-0087
L104002-15	367-0088
L104002-16	367-0089
L104002-17	367-0090
L104002-18	367-0091
L104002-19	367-0107
L104002-20	367-0108
L104002-21	367-0109
L104002-22	367-0110
L104002-23	367-0111
L104002-24	367-0112
L104002-25	367-0113
L104002-26	367-0114
L104002-27	367-0115
L104002-28	367-0116
L104002-29	367-0117
L104002-30	367-0118
L104002-31	367-0119
L104002-32	367-0120
L104002-33	367-0121
L104002-34	367-0122
L104002-35	367-0123
L104002-36	367-0124
L104002-37	367-0125
L104002-38	367-0126
L104002-39	367-0127

INTRODUCTION

SERAS personnel, in response to WA# SERAS-367, provided analytical support for environmental samples collected from the Peninsula Blvd VI Site in Hewlett, New York as described in the following table. The support also included QA/QC, data review and preparation of an analytical report containing analytical and QA/QC results.

The samples analyzed at SERAS were treated with procedures consistent with those specified in SERAS SOP #1008, *Sample Receiving, Handling and Storage.*

Chain of Custody #	Number of Samples	Sampling Date	Date Received	Date Analyzed	Matrix	Analysis/ Method	Laboratory	Data Package
2-040221-110525-0017	12	03/31/21	04/02/21	04/09/21 through 04/18/21	Air	VOC/TO-15 (SOP #1814)	ERT/SERAS	AG 015
	6				Soil Gas			
	6	04/01/21						
	14				Air			
	1	04/01/21			Blank			

Case Narrative

Sampling was conducted as per the site-specific Quality Assurance Project Plan (QAPP) and analyzed by the analytical methods as stated in the QAPP. The laboratory reported the data to three significant figures. Any other representation of the data is the responsibility of the user. Data were validated using a Stage 4 validation done manually (S4VM) in accordance with the "Guidance for Labeling Externally Validated Data for Superfund Use." All data validation flags have been inserted into the results tables.

<u>VOCs in Air Package AG 015</u>

The data package was examined and found to be acceptable.

The following samples and analyte exceeded the Residential Regional Screening Levels (RSLs) for indoor air:

- Tetrachloroethene for samples 367-0086, 367-0091, 367-0107, 367-0111, 367-0079, 367-0085, 367-0090, 367-0113, 367-0119, 367-0108

The following samples and analyte exceeded both the Residential and Commercial VISLs for indoor air:

- Tetrachloroethene for samples 367-0077, 367-0087, 367-0088, 367-0081, 367-0083, 367-0115, 367-0110, 367-0017, 367-0126, 379-0109, 367-0075, 367-0076
- Trichloroethene for sample 367-0075, 367-0076

The following samples and analytes exceeded the Residential Vapor Intrusion Screening Levels for soil gas:

- Trichloroethene for samples 367-0080, 367-0082, 367-0084

The following samples and analyte exceeded both the Residential and Commercial VISLs for soil gas:

- Tetrachloroethene for sample 367-0074

The following samples exceeded the New York State vapor intrusion levels for indoor air:

- Tetrachloroethene for 367-0077, 367-0086, 367-0091, 367-0107, 367-0111, 367-0122, 367-0087, 367-0088, 367-0079, 367-0081, 367-0083, 367-0085, 367-0090, 367-0113, 367-0115, 367-0119, 367-0108, 367-0110, 367-0117, 367-0126, 367-0109, 367-0075, 367-0076
- Trichloroethene for samples 367-0075, 367-0076

The following samples exceeded the New York State vapor intrusion levels for soil gas:

- Trichloroethene for samples 367-0080, 367-0082, 367-0084, 367-0074
- Tetrachloroethene for samples 367-0089, 367-0112, 367-0114, 367-0074, 367-0080, 367-0082, 367-0084, 367-0116, 367-0125

The results presented in this report only relate to the samples analyzed. All results are intended to be considered in their entirety. The Environmental Response Team/Scientific, Engineering, Response and Analytical Services laboratory is not responsible for utilization of less than the complete report.

REPORT OF LABORATORY ANALYSIS
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Summary of Abbreviations

BFB	Bromofluorobenzene
BS	Blank Spike
BSD	Blank Spike Duplicate
^{O}C	Degree Centigrade
COC	Chain of Custody
conc	concentration
cont	continued
PCDD/PCDF	Polychlorinated dibenzo-p-dioxins (PCDD) and Polychlorinated dibenzofurans (PCDF)
DFTPP	Decafluorotriphenylphosphine
EMPC	Estimated maximum possible concentration
GC/ECD	Gas Chromatography/Electron Capture Detector
GC/MS	Gas Chromatography/ Mass Spectrometry
Hg-CVAA	Mercury-Cold Vapor Atomic Absorption
ICP-AES	Inductively Coupled Plasma- Atomic Emission Spectroscopy
ID	Identification
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MDA	Minimum Detectable Activity
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MW	Molecular Weight
NA	Not Applicable or Not Available
NAD	Normalized Absolute Difference
NC	Not Calculated
NR	Not Requested/Not Reported
% D	Percent Difference
% R	Percent Recovery
SOP	Standard Operating Procedure
PCB	Polychlorinated Biphenyl
PDS	Post Digestion Spike
Percent RSD	Percent Relative Standard Deviation
ppbv	parts per billion by volume
ppm	parts per million
pptv	parts per trillion by volume
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RL	Reporting Limit
RPD	Relative Percent Difference
S4VM	Stage 4 validation done manually
SIM	Selected Ion Monitoring
SERAS	Scientific Engineering Response and Analytical Services
TIC	Tentatively Identified Compound
TCLP	Toxicity Characteristic Leaching Procedure
SVOC	Semi Volatile Organic Compound
VOC	Volatile Organic Compound
*	Value exceeds the acceptable QC limits

m^3	cubic meter	g	gram	kg	kilogram	L	liter
µg	microgram	µL	microliter	mg	milligram	mL	milliliter
ng	nanograms	pg	picogram	pCi	picocurie	σ	sigma

Data Validation Flags

J	Value is estimated	R	Rejected or Value is unusable
J+	Value is estimated high	U	Not detected
J-	Value is estimated low	UJ	Not detected and RL is estimated

Rev. 01/01/15, YRM

Table 1.1a Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/9/2021			L104002-39			L104002-14		
Sample Number		PS-METHOD BLANK 4/9/2021			367-0127			367-0087		
Sample Location					Trip Blank			Unit 6		
Sublocation								AMB-1		
Date Analyzed		4/9/2021			4/9/2021			4/9/2021		
Matrix		Air			Blank			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523	U	0.0200	0.00523	U	0.0200	0.00523
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589	U	0.0200	0.00589	U	0.0200	0.00589
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581	U	0.0200	0.00581	U	0.0200	0.00581
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650	U	0.0200	0.00650	U	0.0200	0.00650
79-01-6	Trichloroethene	U	0.0200	0.00529	U	0.0200	0.00529	U	0.0200	0.00529
127-18-4	Tetrachloroethene	U	0.0200	0.00447	U	0.0200	0.00447			

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-15			L104002-36			L104002-04		
Sample Number		367-0088			367-0124			367-0077		
Sample Location		Unit 6			Ambient			Unit 7		
Sublocation		AMB-1-CO			AA-4			FFIA-4		
Date Analyzed		4/9/2021			4/9/2021			4/9/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523	U	0.0200	0.00523	U	0.0267	0.00697
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589	U	0.0200	0.00589	U	0.0267	0.00785
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581	U	0.0200	0.00581	U	0.0267	0.00775
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650	U	0.0200	0.00650	U	0.0267	0.00866
79-01-6	Trichloroethene	U	0.0200	0.00529	U	0.0200	0.00529	U	0.0267	0.00705
127-18-4	Tetrachloroethene				0.180	0.0200	0.00447	11.9	0.0267	0.00596

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-13			L104002-18			L104002-19		
Sample Number		367-0086			367-0091			367-0107		
Sample Location		Unit 6			Unit 5			Unit 3		
Sublocation		FFIA-1			FFIA-1			FFIA-14A		
Date Analyzed		4/9/2021			4/9/2021			4/9/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0267	0.00697	U	0.0200	0.00523	U	0.0200	0.00523
75-35-4	1,1-Dichloroethene	U	0.0267	0.00785	U	0.0200	0.00589	U	0.0200	0.00589
156-60-5	trans-1,2-Dichloroethene	U	0.0267	0.00775	U	0.0200	0.00581	U	0.0200	0.00581
156-59-2	cis-1,2-Dichloroethene	U	0.0267	0.00866	U	0.0200	0.00650	U	0.0200	0.00650
79-01-6	Trichloroethene	U	0.0267	0.00705	U	0.0200	0.00529	U	0.0200	0.00529
127-18-4	Tetrachloroethene	5.97	0.0267	0.00596	3.68	0.0200	0.00447	2.45	0.0200	0.00447

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-23			L104002-34			L104002-35		
Sample Number		367-0111			367-0122			367-0123		
Sample Location		Unit 3			Unit 3			Unit 3		
Sublocation		FFIA-13			FFIA-16			AA-3		
Date Analyzed		4/10/2021			4/10/2021			4/10/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0267	0.00697	U	0.0200	0.00523	U	0.0200	0.00523
75-35-4	1,1-Dichloroethene	U	0.0267	0.00785	U	0.0200	0.00589	U	0.0200	0.00589
156-60-5	trans-1,2-Dichloroethene	0.0477	0.0267	0.00775	U	0.0200	0.00581	U	0.0200	0.00581
156-59-2	cis-1,2-Dichloroethene	0.0346	0.0267	0.00866	U	0.0200	0.00650	U	0.0200	0.00650
79-01-6	Trichloroethene	U	0.0267	0.00705	U	0.0200	0.00529	U	0.0200	0.00529
127-18-4	Tetrachloroethene	4.27	0.0267	0.00596	0.488	0.0200	0.00447	0.372	0.0200	0.00447

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/13/2021			L104002-14			L104002-15		
Sample Number		PS-METHOD BLANK 4/13/2021			367-0087			367-0088		
Sample Location					Unit 6			Unit 6		
Sublocation					AMB-1			AMB-1-CO		
Date Analyzed		4/13/2021			4/13/2021			4/13/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Dilution1			Dilution1		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523						
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589						
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581						
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650						
79-01-6	Trichloroethene	U	0.0200	0.00529						
127-18-4	Tetrachloroethene	U	0.0200	0.00447	11.5	0.0400	0.00893	11.3	0.0400	0.00893

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-06			L104002-08			L104002-10		
Sample Number		367-0079			367-0081			367-0083		
Sample Location		Unit 7			Unit 7			Unit 6		
Sublocation		BIA-3			BIA-4			BIA-3		
Date Analyzed		4/13/2021			4/13/2021			4/13/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523	U	0.0267	0.00697	U	0.0200	0.00523
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589	U	0.0267	0.00785	U	0.0200	0.00589
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581	U	0.0267	0.00775	U	0.0200	0.00581
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650	U	0.0267	0.00866	U	0.0200	0.00650
79-01-6	Trichloroethene	U	0.0200	0.00529	U	0.0267	0.00705	0.0224	0.0200	0.00529
127-18-4	Tetrachloroethene	3.50	0.0200	0.00447	12.8	0.0267	0.00596	7.32	0.0200	0.00447

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-12			L104002-17			L104002-25		
Sample Number		367-0085			367-0090			367-0113		
Sample Location		Unit 6			Unit 5			Unit 3		
Sublocation		BIA-1			BIA-1			BIA-13		
Date Analyzed		4/13/2021			4/13/2021			4/13/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523	U	0.0200	0.00523	U	0.0200	0.00523
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589	U	0.0200	0.00589	U	0.0200	0.00589
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581	U	0.0200	0.00581	U	0.0200	0.00581
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650	U	0.0200	0.00650	U	0.0200	0.00650
79-01-6	Trichloroethene	0.0214	0.0200	0.00529	U	0.0200	0.00529	U	0.0200	0.00529
127-18-4	Tetrachloroethene	6.60	0.0200	0.00447	3.63	0.0200	0.00447	6.95	0.0200	0.00447

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-27			L104002-31			L104002-33		
Sample Number		367-0115			367-0119			367-0121		
Sample Location		Unit 3			Unit 3			Unit 3		
Sublocation		BIA-12			BIA-14			BIA-16		
Date Analyzed		4/13/2021			4/13/2021			4/14/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523	U	0.0200	0.00523	U	0.0200	0.00523
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589	U	0.0200	0.00589	U	0.0200	0.00589
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581	U	0.0200	0.00581	U	0.0200	0.00581
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650	U	0.0200	0.00650	U	0.0200	0.00650
79-01-6	Trichloroethene	U	0.0200	0.00529	U	0.0200	0.00529	U	0.0200	0.00529
127-18-4	Tetrachloroethene	7.01	0.0200	0.00447	6.10	0.0200	0.00447	0.279	0.0200	0.00447

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/14/2021			L104002-05			L104002-07		
Sample Number		PS-METHOD BLANK 4/14/2021			367-0078			367-0080		
Sample Location					Unit 7			Unit 7		
Sublocation					SS-3			SS-4		
Date Analyzed		4/14/2021			4/14/2021			4/14/2021		
Matrix		Air			Soil Gas			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523	U	0.200	0.0523	U	0.200	0.0523
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589	U	0.200	0.0589	U	0.200	0.0589
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581	U	0.200	0.0581	U	0.200	0.0581
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650	U	0.200	0.0650	U	0.200	0.0650
79-01-6	Trichloroethene	U	0.0200	0.00529	U	0.200	0.0529	3.17	0.200	0.0529
127-18-4	Tetrachloroethene	U	0.0200	0.00447	11.7	0.200	0.0447			

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-09			L104002-11			L104002-16		
Sample Number		367-0082			367-0084			367-0089		
Sample Location		Unit 6			Unit 6			Unit 5		
Sublocation		SS-3			SS-1			SS-1		
Date Analyzed		4/14/2021			4/14/2021			4/14/2021		
Matrix		Soil Gas			Soil Gas			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.200	0.0523	U	0.200	0.0523	U	0.200	0.0523
75-35-4	1,1-Dichloroethene	U	0.200	0.0589	U	0.200	0.0589	U	0.200	0.0589
156-60-5	trans-1,2-Dichloroethene	U	0.200	0.0581	U	0.200	0.0581	U	0.200	0.0581
156-59-2	cis-1,2-Dichloroethene	14.3	0.200	0.0650	11.3	0.200	0.0650	U	0.200	0.0650
79-01-6	Trichloroethene	18.0	0.200	0.0529	11.3	0.200	0.0529	0.558	0.200	0.0529
127-18-4	Tetrachloroethene							29.6	0.200	0.0447

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-24			L104002-26			L104002-30		
Sample Number		367-0112			367-0114			367-0118		
Sample Location		Unit 3			Unit 3			Unit 3		
Sublocation		SS-13			SS-12			SS-14		
Date Analyzed		4/14/2021			4/14/2021			4/14/2021		
Matrix		Soil Gas			Soil Gas			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.200	0.0523	U	0.200	0.0523	U	0.200	0.0523
75-35-4	1,1-Dichloroethene	U	0.200	0.0589	U	0.200	0.0589	U	0.200	0.0589
156-60-5	trans-1,2-Dichloroethene	U	0.200	0.0581	U	0.200	0.0581	U	0.200	0.0581
156-59-2	cis-1,2-Dichloroethene	U	0.200	0.0650	U	0.200	0.0650	U	0.200	0.0650
79-01-6	Trichloroethene	U	0.200	0.0529	U	0.200	0.0529	U	0.200	0.0529
127-18-4	Tetrachloroethene	17.7	0.200	0.0447	26.9	0.200	0.0447	10.3	0.200	0.0447

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-32		
Sample Number		367-0120		
Sample Location		Unit 3		
		SS-16		
Date Analyzed		4/14/2021		
Matrix		Soil Gas		
Test Type		Initial		
Total or Dissolved		N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.200	0.0523
75-35-4	1,1-Dichloroethene	U	0.200	0.0589
156-60-5	trans-1,2-Dichloroethene	U	0.200	0.0581
156-59-2	cis-1,2-Dichloroethene	U	0.200	0.0650
79-01-6	Trichloroethene	0.331	0.200	0.0529
127-18-4	Tetrachloroethene	3.17	0.200	0.0447

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/15/2021			L104002-07			L104002-09		
Sample Number		PS-METHOD BLANK 4/15/2021			367-0080			367-0082		
Sample Location					Unit 7			Unit 6		
Sublocation					SS-4			SS-3		
Date Analyzed		4/15/2021			4/15/2021			4/15/2021		
Matrix		Air			Soil Gas			Soil Gas		
Test Type		Initial			Dilution1			Dilution1		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0200	0.00523						
75-35-4	1,1-Dichloroethene	U	0.0200	0.00589						
156-60-5	trans-1,2-Dichloroethene	U	0.0200	0.00581						
156-59-2	cis-1,2-Dichloroethene	U	0.0200	0.00650						
79-01-6	Trichloroethene	U	0.0200	0.00529						
127-18-4	Tetrachloroethene	U	0.0200	0.00447	509	10.0	2.23	891	10.0	2.23

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-11			L104002-20			L104002-02		
Sample Number		367-0084			367-0108			367-0075		
Sample Location		Unit 6			Unit 3			Unit 1		
Sublocation		SS-1			FFIA-12			FFIA-2		
Date Analyzed		4/15/2021			4/15/2021			4/15/2021		
Matrix		Soil Gas			Air			Air		
Test Type		Dilution1			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride				U	0.0200	0.00523	U	0.0267	0.00697
75-35-4	1,1-Dichloroethene				U	0.0200	0.00589	U	0.0267	0.00785
156-60-5	trans-1,2-Dichloroethene				U	0.0200	0.00581	U	0.0267	0.00775
156-59-2	cis-1,2-Dichloroethene				U	0.0200	0.00650	0.135	0.0267	0.00866
79-01-6	Trichloroethene				U	0.0200	0.00529	0.714	0.0267	0.00705
127-18-4	Tetrachloroethene	592	10.0	2.23	5.06	0.0200	0.00447			

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-03			L104002-21			L104002-22		
Sample Number		367-0076			367-0109			367-0110		
Sample Location		Unit 1			Unit 3			Unit 3		
Sublocation		FFIA-2-CO			FFIA-7			FFIA-7-CO		
Date Analyzed		4/15/2021			4/15/2021			4/15/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0267	0.00697	U	0.0267	0.00697	U	0.0267	0.00697
75-35-4	1,1-Dichloroethene	U	0.0267	0.00785	U	0.0267	0.00785	U	0.0267	0.00785
156-60-5	trans-1,2-Dichloroethene	U	0.0267	0.00775	U	0.0267	0.00775	U	0.0267	0.00775
156-59-2	cis-1,2-Dichloroethene	0.141	0.0267	0.00866	U	0.0267	0.00866	U	0.0267	0.00866
79-01-6	Trichloroethene	0.725	0.0267	0.00705	U	0.0267	0.00705	U	0.0267	0.00705
127-18-4	Tetrachloroethene							13.3	0.0267	0.00596

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-29			L104002-38			L104002-01		
Sample Number		367-0117			367-0126			367-0074		
Sample Location		Unit 3			Unit 3			Unit 1		
Sublocation		BIA-4			BIA-7			SS-1		
Date Analyzed		4/16/2021			4/16/2021			4/16/2021		
Matrix		Air			Air			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.0267	0.00697	U	0.0267	0.00697	U	0.200	0.0523
75-35-4	1,1-Dichloroethene	U	0.0267	0.00785	U	0.0267	0.00785	U	0.200	0.0589
156-60-5	trans-1,2-Dichloroethene	U	0.0267	0.00775	U	0.0267	0.00775	U	0.200	0.0581
156-59-2	cis-1,2-Dichloroethene	U	0.0267	0.00866	U	0.0267	0.00866	4.39	0.200	0.0650
79-01-6	Trichloroethene	U	0.0267	0.00705	U	0.0267	0.00705	44.2	0.200	0.0529
127-18-4	Tetrachloroethene	11.4	0.0267	0.00596	8.16	0.0267	0.00596			

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Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-28			L104002-37		
Sample Number		367-0116			367-0125		
Sample Location		Unit 3			Unit 3		
Sublocation		SS-4			SS-7		
Date Analyzed		4/16/2021			4/16/2021		
Matrix		Soil Gas			Soil Gas		
Test Type		Initial			Initial		
Total or Dissolved		N			N		
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv
75-01-4	Vinyl Chloride	U	0.200	0.0523	U	0.200	0.0523
75-35-4	1,1-Dichloroethene	U	0.200	0.0589	U	0.200	0.0589
156-60-5	trans-1,2-Dichloroethene	U	0.200	0.0581	U	0.200	0.0581
156-59-2	cis-1,2-Dichloroethene	U	0.200	0.0650	1.67	0.200	0.0650
79-01-6	Trichloroethene	U	0.200	0.0529	1.50	0.200	0.0529
127-18-4	Tetrachloroethene	37.2	0.200	0.0447	37.9	0.200	0.0447

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 04/16/2021			L104002-21			L104002-02			
Sample Number		PS-METHOD BLANK 04/16/202			367-0109			367-0075			
Sample Location					Unit 3			Unit 1			
Sublocation					FFIA-7			FFIA-2			
Date Analyzed		4/16/2021			4/16/2021			4/16/2021			
Matrix		Air			Air			Air			
Test Type		Initial			Dilution1			Dilution1			
Total or Dissolved		N			N			N			
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	
127-18-4	Tetrachloroethene	U	0.0200	0.00447	20.1	0.0800	0.0179	857	10.0	2.23	

Table 1.1a (Cont) Results of the Analysis for VOC (ppbv) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-03			Method Blank 4/18/2021			L104002-01			
Sample Number		367-0076			PS-METHOD BLANK 4/18/2021			367-0074			
Sample Location		Unit 1						Unit 1			
Sublocation		FFIA-2-CO						SS-1			
Date Analyzed		4/16/2021			4/18/2021			4/18/2021			
Matrix		Air			Air			Soil Gas			
Test Type		Dilution1			Initial			Dilution1			
Total or Dissolved		N			N			N			
CAS No	Analyte	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	Result ppbv	*RL* ppbv	*MDL* ppbv	
127-18-4	Tetrachloroethene	875	10.0	2.23	U	0.0200	0.00447	8710	40.0	8.93	

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Table 1.1b Results of the Analysis for VOC (µg/m^3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/9/2021			L104002-39			L104002-14		
Sample Number		PS-METHOD BLANK 4/9/2021			367-0127			367-0087		
Sample Location					Trip Blank			Unit 6		
Sublocation								AMB-1		
Date Analyzed		4/9/2021			4/9/2021			4/9/2021		
Matrix		Air			Blank			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134	U	0.0511	0.0134	U	0.0511	0.0134
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233	U	0.0793	0.0233	U	0.0793	0.0233
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230	U	0.0793	0.0230	U	0.0793	0.0230
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258	U	0.0793	0.0258	U	0.0793	0.0258
79-01-6	Trichloroethene	U	0.107	0.0284	U	0.107	0.0284	U	0.107	0.0284
127-18-4	Tetrachloroethene	U	0.136	0.0303	U	0.136	0.0303			

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-15			L104002-36			L104002-04		
Sample Number		367-0088			367-0124			367-0077		
Sample Location		Unit 6			Ambient			Unit 7		
Sublocation		AMB-1-CO			AA-4			FFIA-4		
Date Analyzed		4/9/2021			4/9/2021			4/9/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134	U	0.0511	0.0134	U	0.0682	0.0178
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233	U	0.0793	0.0233	U	0.106	0.0311
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230	U	0.0793	0.0230	U	0.106	0.0307
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258	U	0.0793	0.0258	U	0.106	0.0343
79-01-6	Trichloroethene	U	0.107	0.0284	U	0.107	0.0284	U	0.143	0.0379
127-18-4	Tetrachloroethene				1.22	0.136	0.0303	80.8	0.181	0.0404

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-13			L104002-18			L104002-19		
Sample Number		367-0086			367-0091			367-0107		
Sample Location		Unit 6			Unit 5			Unit 3		
Sublocation		FFIA-1			FFIA-1			FFIA-14A		
Date Analyzed		4/9/2021			4/9/2021			4/9/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0682	0.0178	U	0.0511	0.0134	U	0.0511	0.0134
75-35-4	1,1-Dichloroethene	U	0.106	0.0311	U	0.0793	0.0233	U	0.0793	0.0233
156-60-5	trans-1,2-Dichloroethene	U	0.106	0.0307	U	0.0793	0.0230	U	0.0793	0.0230
156-59-2	cis-1,2-Dichloroethene	U	0.106	0.0343	U	0.0793	0.0258	U	0.0793	0.0258
79-01-6	Trichloroethene	U	0.143	0.0379	U	0.107	0.0284	U	0.107	0.0284
127-18-4	Tetrachloroethene	40.5	0.181	0.0404	25.0	0.136	0.0303	16.6	0.136	0.0303

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-23			L104002-34			L104002-35		
Sample Number		367-0111			367-0122			367-0123		
Sample Location		Unit 3			Unit 3			Unit 3		
Sublocation		FFIA-13			FFIA-16			AA-3		
Date Analyzed		4/10/2021			4/10/2021			4/10/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0682	0.0178	U	0.0511	0.0134	U	0.0511	0.0134
75-35-4	1,1-Dichloroethene	U	0.106	0.0311	U	0.0793	0.0233	U	0.0793	0.0233
156-60-5	trans-1,2-Dichloroethene	0.189	0.106	0.0307	U	0.0793	0.0230	U	0.0793	0.0230
156-59-2	cis-1,2-Dichloroethene	0.137	0.106	0.0343	U	0.0793	0.0258	U	0.0793	0.0258
79-01-6	Trichloroethene	U	0.143	0.0379	U	0.107	0.0284	U	0.107	0.0284
127-18-4	Tetrachloroethene	29.0	0.181	0.0404	3.31	0.136	0.0303	2.52	0.136	0.0303

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/13/2021			L104002-14			L104002-15		
Sample Number		PS-METHOD BLANK 4/13/2021			367-0087			367-0088		
Sample Location					Unit 6			Unit 6		
Sublocation					AMB-1			AMB-1-CO		
Date Analyzed		4/13/2021			4/13/2021			4/13/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Dilution1			Dilution1		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134						
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233						
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230						
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258						
79-01-6	Trichloroethene	U	0.107	0.0284						
127-18-4	Tetrachloroethene	U	0.136	0.0303	78.2	0.271	0.0606	76.9	0.271	0.0606

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-06			L104002-08			L104002-10		
Sample Number		367-0079			367-0081			367-0083		
Sample Location		Unit 7			Unit 7			Unit 6		
Sublocation		BIA-3			BIA-4			BIA-3		
Date Analyzed		4/13/2021			4/13/2021			4/13/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134	U	0.0682	0.0178	U	0.0511	0.0134
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233	U	0.106	0.0311	U	0.0793	0.0233
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230	U	0.106	0.0307	U	0.0793	0.0230
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258	U	0.106	0.0343	U	0.0793	0.0258
79-01-6	Trichloroethene	U	0.107	0.0284	U	0.143	0.0379	0.121	0.107	0.0284
127-18-4	Tetrachloroethene	23.8	0.136	0.0303	87.1	0.181	0.0404	49.6	0.136	0.0303

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-12			L104002-17			L104002-25		
Sample Number		367-0085			367-0090			367-0113		
Sample Location		Unit 6			Unit 5			Unit 3		
Sublocation		BIA-1			BIA-1			BIA-13		
Date Analyzed		4/13/2021			4/13/2021			4/13/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134	U	0.0511	0.0134	U	0.0511	0.0134
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233	U	0.0793	0.0233	U	0.0793	0.0233
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230	U	0.0793	0.0230	U	0.0793	0.0230
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258	U	0.0793	0.0258	U	0.0793	0.0258
79-01-6	Trichloroethene	0.115	0.107	0.0284	U	0.107	0.0284	U	0.107	0.0284
127-18-4	Tetrachloroethene	44.8	0.136	0.0303	24.6	0.136	0.0303	47.1	0.136	0.0303

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-27			L104002-31			L104002-33		
Sample Number		367-0115			367-0119			367-0121		
Sample Location		Unit 3			Unit 3			Unit 3		
Sublocation		BIA-12			BIA-14			BIA-16		
Date Analyzed		4/13/2021			4/13/2021			4/14/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134	U	0.0511	0.0134	U	0.0511	0.0134
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233	U	0.0793	0.0233	U	0.0793	0.0233
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230	U	0.0793	0.0230	U	0.0793	0.0230
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258	U	0.0793	0.0258	U	0.0793	0.0258
79-01-6	Trichloroethene	U	0.107	0.0284	U	0.107	0.0284	U	0.107	0.0284
127-18-4	Tetrachloroethene	47.5	0.136	0.0303	41.4	0.136	0.0303	1.89	0.136	0.0303

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/14/2021			L104002-05			L104002-07		
Sample Number		PS-METHOD BLANK 4/14/2021			367-0078			367-0080		
Sample Location					Unit 7			Unit 7		
Sublocation					SS-3			SS-4		
Date Analyzed		4/14/2021			4/14/2021			4/14/2021		
Matrix		Air			Soil Gas			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134	U	0.511	0.134	U	0.511	0.134
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233	U	0.793	0.233	U	0.793	0.233
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230	U	0.793	0.230	U	0.793	0.230
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258	U	0.793	0.258	U	0.793	0.258
79-01-6	Trichloroethene	U	0.107	0.0284	U	1.07	0.284	17.0	1.07	0.284
127-18-4	Tetrachloroethene	U	0.136	0.0303	79.5	1.36	0.303			

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-09			L104002-11			L104002-16		
Sample Number		367-0082			367-0084			367-0089		
Sample Location		Unit 6			Unit 6			Unit 5		
Sublocation		SS-3			SS-1			SS-1		
Date Analyzed		4/14/2021			4/14/2021			4/14/2021		
Matrix		Soil Gas			Soil Gas			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.511	0.134	U	0.511	0.134	U	0.511	0.134
75-35-4	1,1-Dichloroethene	U	0.793	0.233	U	0.793	0.233	U	0.793	0.233
156-60-5	trans-1,2-Dichloroethene	U	0.793	0.230	U	0.793	0.230	U	0.793	0.230
156-59-2	cis-1,2-Dichloroethene	56.6	0.793	0.258	44.8	0.793	0.258	U	0.793	0.258
79-01-6	Trichloroethene	96.7	1.07	0.284	60.7	1.07	0.284	3.00	1.07	0.284
127-18-4	Tetrachloroethene							201	1.36	0.303

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-24			L104002-26			L104002-30		
Sample Number		367-0112			367-0114			367-0118		
Sample Location		Unit 3			Unit 3			Unit 3		
Sublocation		SS-13			SS-12			SS-14		
Date Analyzed		4/14/2021			4/14/2021			4/14/2021		
Matrix		Soil Gas			Soil Gas			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.511	0.134	U	0.511	0.134	U	0.511	0.134
75-35-4	1,1-Dichloroethene	U	0.793	0.233	U	0.793	0.233	U	0.793	0.233
156-60-5	trans-1,2-Dichloroethene	U	0.793	0.230	U	0.793	0.230	U	0.793	0.230
156-59-2	cis-1,2-Dichloroethene	U	0.793	0.258	U	0.793	0.258	U	0.793	0.258
79-01-6	Trichloroethene	U	1.07	0.284	U	1.07	0.284	U	1.07	0.284
127-18-4	Tetrachloroethene	120	1.36	0.303	182	1.36	0.303	69.9	1.36	0.303

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-32		
Sample Number		367-0120		
Sample Location		Unit 3		
		SS-16		
Date Analyzed		4/14/2021		
Matrix		Soil Gas		
Test Type		Initial		
Total or Dissolved		N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.511	0.134
75-35-4	1,1-Dichloroethene	U	0.793	0.233
156-60-5	trans-1,2-Dichloroethene	U	0.793	0.230
156-59-2	cis-1,2-Dichloroethene	U	0.793	0.258
79-01-6	Trichloroethene	1.78	1.07	0.284
127-18-4	Tetrachloroethene	21.5	1.36	0.303

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 4/15/2021			L104002-07			L104002-09		
Sample Number		PS-METHOD BLANK 4/15/2021			367-0080			367-0082		
Sample Location					Unit 7			Unit 6		
Sublocation					SS-4			SS-3		
Date Analyzed		4/15/2021			4/15/2021			4/15/2021		
Matrix		Air			Soil Gas			Soil Gas		
Test Type		Initial			Dilution1			Dilution1		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0511	0.0134						
75-35-4	1,1-Dichloroethene	U	0.0793	0.0233						
156-60-5	trans-1,2-Dichloroethene	U	0.0793	0.0230						
156-59-2	cis-1,2-Dichloroethene	U	0.0793	0.0258						
79-01-6	Trichloroethene	U	0.107	0.0284						
127-18-4	Tetrachloroethene	U	0.136	0.0303	3450	67.8	15.1	6040	67.8	15.1

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-11			L104002-20			L104002-02		
Sample Number		367-0084			367-0108			367-0075		
Sample Location		Unit 6			Unit 3			Unit 1		
Sublocation		SS-1			FFIA-12			FFIA-2		
Date Analyzed		4/15/2021			4/15/2021			4/15/2021		
Matrix		Soil Gas			Air			Air		
Test Type		Dilution1			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride				U	0.0511	0.0134	U	0.0682	0.0178
75-35-4	1,1-Dichloroethene				U	0.0793	0.0233	U	0.106	0.0311
156-60-5	trans-1,2-Dichloroethene				U	0.0793	0.0230	U	0.106	0.0307
156-59-2	cis-1,2-Dichloroethene				U	0.0793	0.0258	0.534	0.106	0.0343
79-01-6	Trichloroethene				U	0.107	0.0284	3.84	0.143	0.0379
127-18-4	Tetrachloroethene	4010	67.8	15.1	34.3	0.136	0.0303			

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-03			L104002-21			L104002-22		
Sample Number		367-0076			367-0109			367-0110		
Sample Location		Unit 1			Unit 3			Unit 3		
Sublocation		FFIA-2-CO			FFIA-7			FFIA-7-CO		
Date Analyzed		4/15/2021			4/15/2021			4/15/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0682	0.0178	U	0.0682	0.0178	U	0.0682	0.0178
75-35-4	1,1-Dichloroethene	U	0.106	0.0311	U	0.106	0.0311	U	0.106	0.0311
156-60-5	trans-1,2-Dichloroethene	U	0.106	0.0307	U	0.106	0.0307	U	0.106	0.0307
156-59-2	cis-1,2-Dichloroethene	0.558	0.106	0.0343	U	0.106	0.0343	U	0.106	0.0343
79-01-6	Trichloroethene	3.89	0.143	0.0379	U	0.143	0.0379	U	0.143	0.0379
127-18-4	Tetrachloroethene							89.9	0.181	0.0404

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-29			L104002-38			L104002-01		
Sample Number		367-0117			367-0126			367-0074		
Sample Location		Unit 3			Unit 3			Unit 1		
Sublocation		BIA-4			BIA-7			SS-1		
Date Analyzed		4/16/2021			4/16/2021			4/16/2021		
Matrix		Air			Air			Soil Gas		
Test Type		Initial			Initial			Initial		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.0682	0.0178	U	0.0682	0.0178	U	0.511	0.134
75-35-4	1,1-Dichloroethene	U	0.106	0.0311	U	0.106	0.0311	U	0.793	0.233
156-60-5	trans-1,2-Dichloroethene	U	0.106	0.0307	U	0.106	0.0307	U	0.793	0.230
156-59-2	cis-1,2-Dichloroethene	U	0.106	0.0343	U	0.106	0.0343	17.4	0.793	0.258
79-01-6	Trichloroethene	U	0.143	0.0379	U	0.143	0.0379	238	1.07	0.284
127-18-4	Tetrachloroethene	77.5	0.181	0.0404	55.4	0.181	0.0404			

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Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-28			L104002-37		
Sample Number		367-0116			367-0125		
Sample Location		Unit 3			Unit 3		
Sublocation		SS-4			SS-7		
Date Analyzed		4/16/2021			4/16/2021		
Matrix		Soil Gas			Soil Gas		
Test Type		Initial			Initial		
Total or Dissolved		N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
75-01-4	Vinyl Chloride	U	0.511	0.134	U	0.511	0.134
75-35-4	1,1-Dichloroethene	U	0.793	0.233	U	0.793	0.233
156-60-5	trans-1,2-Dichloroethene	U	0.793	0.230	U	0.793	0.230
156-59-2	cis-1,2-Dichloroethene	U	0.793	0.258	6.61	0.793	0.258
79-01-6	Trichloroethene	U	1.07	0.284	8.08	1.07	0.284
127-18-4	Tetrachloroethene	252	1.36	0.303	257	1.36	0.303

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		Method Blank 04/16/2021			L104002-21			L104002-02		
Sample Number		PS-METHOD BLANK 04/16/202			367-0109			367-0075		
Sample Location					Unit 3			Unit 1		
Sublocation					FFIA-7			FFIA-2		
Date Analyzed		4/16/2021			4/16/2021			4/16/2021		
Matrix		Air			Air			Air		
Test Type		Initial			Dilution1			Dilution1		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
127-18-4	Tetrachloroethene	U	0.136	0.0303	137	0.543	0.121	5810	67.8	15.1

Table 1.1b (Cont) Results of the Analysis for VOC (µg/m3) in Air
WA# SERAS-367 Peninsula Blvd

Method: SERAS SOP#1814
Lab Name: ERT/SERAS

Lab Sample Number		L104002-03			Method Blank 4/18/2021			L104002-01		
Sample Number		367-0076			PS-METHOD BLANK 4/18/2021			367-0074		
Sample Location		Unit 1						Unit 1		
Sublocation		FFIA-2-CO						SS-1		
Date Analyzed		4/16/2021			4/18/2021			4/18/2021		
Matrix		Air			Air			Soil Gas		
Test Type		Dilution1			Initial			Dilution1		
Total or Dissolved		N			N			N		
CAS No	Analyte	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3	Result µg/m3	*RL* µg/m3	*MDL* µg/m3
127-18-4	Tetrachloroethene	5940	67.8	15.1	U	0.136	0.0303	59000	271	60.6

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Table 2.1 Results of the LCS Analysis for VOC in Air
WA# SERAS-367 Peninsula Blvd

Sample ID: LCS 040921 (4AT) 04/09/21

Analyte	LCS Spike Amount ppbv	LCS Recovered ppbv	% Recovery	QC Limits % Recovery
Vinyl Chloride	1.03	0.963	94	64 - 129
1,1-Dichloroethylene	1.01	0.992	98	59 - 150
trans-1,2-Dichloroethylene	1.06	1.02	96	57 - 147
cis-1,2-Dichloroethylene	1.02	1.04	102	61 - 151
Trichloroethylene	1.04	1.04	100	97 - 104
Tetrachloroethylene	0.980	1.07	109	99 - 121

Sample ID: LCS 041321 (4AT) 04/13/21

Analyte	LCS Spike Amount ppbv	LCS Recovered ppbv	% Recovery	QC Limits % Recovery
Vinyl Chloride	1.03	0.912	89	64 - 129
1,1-Dichloroethylene	1.01	1.16	115	59 - 150
trans-1,2-Dichloroethylene	1.06	1.20	113	57 - 147
cis-1,2-Dichloroethylene	1.02	1.21	119	61 - 151
Trichloroethylene	1.04	1.03	99	97 - 104
Tetrachloroethylene	0.980	1.09	111	99 - 121

Sample ID: LCS 041421 (4AT) 04/14/21

Analyte	LCS Spike Amount ppbv	LCS Recovered ppbv	% Recovery	QC Limits % Recovery
Vinyl Chloride	1.03	0.985	96	64 - 129
1,1-Dichloroethylene	1.01	1.25	124	59 - 150
trans-1,2-Dichloroethylene	1.06	1.28	121	57 - 147
cis-1,2-Dichloroethylene	1.02	1.29	126	61 - 151
Trichloroethylene	1.04	1.04	100	97 - 104
Tetrachloroethylene	0.980	1.10	112	99 - 121

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Table 2.1 (Cont) Results of the LCS Analysis for VOC in Air
WA# SERAS-367 Peninsula Blvd

Sample ID: LCS 041521 (4AT) 04/15/21

Analyte	LCS Spike Amount ppbv	LCS Recovered ppbv	% Recovery	QC Limits % Recovery
Vinyl Chloride	1.03	1.11	108	64 - 129
1,1-Dichloroethylene	1.01	1.03	102	59 - 150
trans-1,2-Dichloroethylene	1.06	1.05	99	57 - 147
cis-1,2-Dichloroethylene	1.02	1.08	106	61 - 151
Trichloroethylene	1.04	1.02	98	97 - 104
Tetrachloroethylene	0.980	1.08	110	99 - 121

Sample ID: LCS 041621 (4AT) 04/16/21

Analyte	LCS Spike Amount ppbv	LCS Recovered ppbv	% Recovery	QC Limits % Recovery
Vinyl Chloride	1.03	0.942	92	64 - 129
1,1-Dichloroethylene	1.01	1.09	108	59 - 150
trans-1,2-Dichloroethylene	1.06	1.12	106	57 - 147
cis-1,2-Dichloroethylene	1.02	1.14	112	61 - 151
Trichloroethylene	1.04	1.02	98	97 - 104
Tetrachloroethylene	0.980	1.07	109	99 - 121

Sample ID: LCS 041821 (4AT) 04/18/21

Analyte	LCS Spike Amount ppbv	LCS Recovered ppbv	% Recovery	QC Limits % Recovery
Vinyl Chloride	1.03	0.898	87	64 - 129
1,1-Dichloroethylene	1.01	1.01	100	59 - 150
trans-1,2-Dichloroethylene	1.06	1.02	96	57 - 147
cis-1,2-Dichloroethylene	1.02	1.06	104	61 - 151
Trichloroethylene	1.04	1.03	99	97 - 104
Tetrachloroethylene	0.980	1.09	111	99 - 121

REPORT OF LABORATORY ANALYSIS
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Table 2.2 Results of the Duplicate Analysis for VOC in Air
WA# SERAS-367 Peninsula Blvd

Sample ID: 367-0086

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limit RPD
Vinyl Chloride	U	U	NC	≤25
1,1-Dichloroethylene	U	U	NC	≤25
trans-1,2-Dichloroethylene	U	U	NC	≤25
cis-1,2-Dichloroethylene	U	U	NC	≤25
Trichloroethylene	U	U	NC	≤25
Tetrachloroethylene	5.97	5.92	1	≤25

Sample ID: 367-0111

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limit RPD
Vinyl Chloride	U	U	NC	≤25
1,1-Dichloroethene	U	U	NC	≤25
trans-1,2-Dichloroethene	0.0477	0.0500	5	≤25
cis-1,2-Dichloroethene	0.0346	0.0369	6	≤25
Trichloroethene	U	U	NC	≤25
Tetrachloroethene	4.27	4.38	3	≤25

Sample ID: 367-0081

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limit RPD
Vinyl Chloride	U	U	NC	≤25
1,1-Dichloroethene	U	U	NC	≤25
trans-1,2-Dichloroethene	U	U	NC	≤25
cis-1,2-Dichloroethene	U	U	NC	≤25
Trichloroethene	U	U	NC	≤25
Tetrachloroethene	12.8	11.5	10	≤25

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Table 2.2 (Cont) Results of the Duplicate Analysis for VOC in Air
WA# SERAS-367 Peninsula Blvd

Sample ID: 367-0115

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limit RPD
Vinyl Chloride	U	U	NC	≤25
1,1-Dichloroethene	U	U	NC	≤25
trans-1,2-Dichloroethene	U	U	NC	≤25
cis-1,2-Dichloroethene	U	U	NC	≤25
Trichloroethene	U	U	NC	≤25
Tetrachloroethene	7.01	7.41	6	≤25

Sample ID: 367-0078

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limit RPD
Vinyl Chloride	U	U	NC	≤25
1,1-Dichloroethene	U	U	NC	≤25
trans-1,2-Dichloroethene	U	U	NC	≤25
cis-1,2-Dichloroethene	U	U	NC	≤25
Trichloroethene	U	U	NC	≤25
Tetrachloroethene	11.7	11.6	1	≤25

REPORT OF LABORATORY ANALYSIS
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USEPA

DateShipped: 4/2/2021

CarrierName: Hand Deliver

AirbillNo:

NO# L104002

CHAIN OF CUSTODY RECORD

Site #: 367

Contact Name: Colleen Grell

Contact Phone: 6098656650

No: 2-040221-110525-0017

Project Code: 412

Lab: ERT/SERAS

Lab Phone: 732-321-4200

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Pump #	OrificeID	Start Pressure	Stop Pressure	Start_Date	Start_Time	Stop_Date	Stop_Time
01	367-0074	Unit 1	SS-1	TO-15	Soil Gas	10581	223031	-29	-4.5	3/30/2021	8:34:00 AM	3/31/2021	8:18:00 AM
02	367-0075	Unit 1	FFIA-2	TO-15	Air	10603	13781	-29	-4	3/30/2021	8:35:00 AM	3/31/2021	8:18:00 AM
03	367-0076	Unit 1	FFIA-2-CO	TO-15	Air	14447	13945	-29	-7	3/30/2021	8:35:00 AM	3/31/2021	8:18:00 AM
04	367-0077	Unit 7	FFIA-4	TO-15	Air	14241	14030	-29	-8	3/30/2021	8:44:00 AM	3/31/2021	8:30:00 AM
05	367-0078	Unit 7	SS-3	TO-15	Soil Gas	14457	14029	-29.5	-5.5	3/30/2021	9:12:00 AM	3/31/2021	8:40:00 AM
06	367-0079	Unit 7	BIA-3	TO-15	Air	13742	223010	-29.5	-7	3/30/2021	9:13:00 AM	3/31/2021	8:44:00 AM
07	367-0080	Unit 7	SS-4	TO-15	Soil Gas	10618	13946	-30	-4	3/30/2021	9:21:00 AM	3/31/2021	8:33:00 AM
08	367-0081	Unit 7	BIA-4	TO-15	Air	14073	14026	-30	-7	3/30/2021	9:21:00 AM	3/31/2021	8:33:00 AM
09	367-0082	Unit 6	SS-3	TO-15	Soil Gas	14463	14004	-30	-5.5	3/30/2021	10:00:00 AM	3/31/2021	10:32:00 AM
10	367-0083	Unit 6	BIA-3	TO-15	Air	10548	223038	-30	-6	3/30/2021	10:01:00 AM	3/31/2021	10:32:00 AM
11	367-0084	Unit 6	SS-1	TO-15	Soil Gas	13745	14043	-30	-4	3/30/2021	10:04:00 AM	3/31/2021	10:32:00 AM
12	367-0085	Unit 6	BIA-1	TO-15	Air	10596	14045	-30	-7	3/30/2021	10:05:00 AM	3/31/2021	10:32:00 AM
13	367-0086	Unit 6	FFIA-1	TO-15	Air	14469	14037	-30	-5.5	3/30/2021	10:10:00 AM	3/31/2021	10:32:00 AM
14	367-0087	Unit 6	AMB-1	TO-15	Air	14474	14012	-30	-4	3/30/2021	10:18:00 AM	3/31/2021	10:39:00 AM
15	367-0088	Unit 6	AMB-1-CO	TO-15	Air	14242	223019	-30	-3	3/30/2021	10:18:00 AM	3/31/2021	10:39:00 AM
16	367-0089	Unit 5	SS-1	TO-15	Soil Gas	10564	14036	-29	-4.5	3/30/2021	4:39:00 PM	3/31/2021	4:41:00 PM
17	367-0090	Unit 5	BIA-1	TO-15	Air	14460	13789	-29	-5	3/30/2021	4:39:00 PM	3/31/2021	4:41:00 PM
18	367-0091	Unit 5	FFIA-1	TO-15	Air	14225	223007	-29	-3.5	3/30/2021	4:42:00 PM	3/31/2021	4:41:00 PM

Special Instructions: Samples from Unit 1 (FFIA-2 and SS-1) and Unit 3 (SS-4, SS-7, BIA-4, BIA-7. FFIA-7 and FFIA-7-CO), may contain elevated PCE concentrations.	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	Colleen Grell / SERAS	4/2/21/1145	[illegible] /SERAS	4/2/21 12:00	Intact

USEPA

DateShipped: 4/2/2021
CarrierName: Hand Deliver
AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: 367
Contact Name: Colleen Grell
Contact Phone: 6098656650

No: 2-040221-110525-0017

Project Code: 412
Lab: ERT/SERAS
Lab Phone: 732-321-4200

WO#L104002

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Pump #	OrificeID	Start Pressure	Stop Pressure	Start_Date	Start_Time	Stop_Date	Stop_Time
19	367-0107	Unit 3	FFIA-14A	TO-15	Air	1991	13763	-29	-3.5	3/31/2021	11:36:00 AM	4/1/2021	12:32:00 PM
20	367-0108	Unit 3	FFIA-12	TO-15	Air	14075	223026	-29	-3.5	3/31/2021	11:40:00 AM	4/1/2021	12:51:00 PM
21	367-0109	Unit 3	FFIA-7	TO-15	Air	10582	223052	-29	-5.5	3/31/2021	11:47:00 AM	4/1/2021	12:28:00 PM
22	367-0110	Unit 3	FFIA-7-CO	TO-15	Air	10555	13764	-29	-4.5	3/31/2021	11:47:00 AM	4/1/2021	12:28:00 PM
23	367-0111	Unit 3	FFIA-13	TO-15	Air	10622	223022	-29	-6.5	3/31/2021	11:55:00 AM	4/1/2021	12:33:00 PM
24	367-0112	Unit 3	SS-13	TO-15	Soil Gas	10610	13991	-30	-4	3/31/2021	11:58:00 AM	4/1/2021	12:37:00 PM
25	367-0113	Unit 3	BIA-13	TO-15	Air	2059	13952	-29	-4	3/31/2021	11:58:00 AM	4/1/2021	12:37:00 PM
26	367-0114	Unit 3	SS-12	TO-15	Soil Gas	10554	223044	-29	-4	3/31/2021	12:02:00 PM	4/1/2021	12:23:00 PM
27	367-0115	Unit 3	BIA-12	TO-15	Air	10561	223017	-30	-2.5	3/31/2021	12:02:00 PM	4/1/2021	12:23:00 PM
28	367-0116	Unit 3	SS-4	TO-15	Soil Gas	14231	223037	-30	-5	3/31/2021	12:06:00 PM	4/1/2021	12:03:00 PM
29	367-0117	Unit 3	BIA-4	TO-15	Air	10617	14017	-29	-5	3/31/2021	12:07:00 PM	4/1/2021	12:03:00 PM
30	367-0118	Unit 3	SS-14	TO-15	Soil Gas	10602	13790	-30	-3.5	3/31/2021	12:13:00 PM	4/1/2021	12:24:00 PM
31	367-0119	Unit 3	BIA-14	TO-15	Air	13746	223012	-30	-4.5	3/31/2021	12:12:00 PM	4/1/2021	12:24:00 PM
32	367-0120	Unit 3	SS-16	TO-15	Soil Gas	2049	13984	-29	-3.5	3/31/2021	12:24:00 PM	4/1/2021	1:30:00 PM
33	367-0121	Unit 3	BIA-16	TO-15	Air	10577	13784	-29	-4.5	3/31/2021	12:24:00 PM	4/1/2021	1:30:00 PM
34	367-0122	Unit 3	FFIA-16	TO-15	Air	14445	14042	-29	-3.5	3/31/2021	12:27:00 PM	4/1/2021	1:29:00 PM
35	367-0123	Unit 3	AA-3	TO-15	Air	10558	223008	-29	-3.5	3/31/2021	12:33:00 PM	4/1/2021	12:36:00 PM
36	367-0124	Ambient	AA-4	TO-15	Air	10534	223045	-29	-4.5	3/31/2021	12:42:00 PM	4/1/2021	12:40:00 PM

Special Instructions: Samples from Unit 1 (FFIA-2 and SS-1) and Unit 3 (SS-4, SS-7, BIA-4, BIA-7. FFIA-7 and FFIA-7-CO), may contain elevated PCE concentrations.	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All / Analysis	Colleen Grell / SERAS	4/2/21/1145	[illegible] / SERAS	4/2/21 12:00	Intact

USEPA

DateShipped: 4/2/2021

CarrierName: Hand Deliver

AirbillNo:

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CHAIN OF CUSTODY RECORD

Site #: 367

Contact Name: Colleen Grell

Contact Phone: 6098656650

No: 2-040221-110525-0017

Project Code: 412

Lab: ERT/SERAS

Lab Phone: 732-321-4200

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Pump #	OrificeID	Start Pressure	Stop Pressure	Start_Date	Start_Time	Stop_Date	Stop_Time
37	367-0125	Unit 3	SS-7	TO-15	Soil Gas	14454	13963	-29	-5	3/31/2021	1:56:00 PM	4/1/2021	11:36:00 AM
38	367-0126	Unit 3	BIA-7	TO-15	Air	14248	223016	-29	-6.5	3/31/2021	1:56:00 PM	4/1/2021	11:36:00 AM
39	367-0127	Trip Blank		TO-15	Blank	10625		-28.5	-28.5	4/1/2021	9:00:00 AM	4/1/2021	8:59:00 AM

CG

4/2/21

Special Instructions: Samples from Unit 1 (FFIA-2 and SS-1) and Unit 3 (SS-4, SS-7, BIA-4, BIA-7. FFIA-7 and FFIA-7-CO), may contain elevated PCE concentrations.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All /Analysis	Colleen Grell /SERAS	4/2/21/1145	[illegible] /SERAS	4/2/21 12:00	Intact