APPENDIX D
Laboratory Analytical Reports – Soil Vapor

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Friday, August 01, 2008

Douglas G. Hulmes, G.I.T.
Shaw Environmental & Infastructure, Inc.
15455 N. Greenway-Hayden Loop, Suite C-15
Scottsdale, AZ 85260

TEL: (480) 998-6628
FAX: (480) 998-2620

RE: 24th St/Thomas

Order No.: 08070019

Dear Douglas G. Hulmes, G.I.T.:

TestAmerica Laboratories, Inc. received 7 sample(s) on 7/23/2008 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

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Sincerely,

~~Laurie McBride~~ Corey Schrader
Project Manager

TestAmerica Laboratories, Inc. **Date:** *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Project: 24th St/Thomas
Lab Order: 08070019

CASE NARRATIVE

D2 Sample required dilution due to high concentration of target analyte.

E Value above quantitation range.

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

L1 The associated blank spike recovery was above laboratory acceptance limits.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-70'
Lab Order:	08070019	**Tag Number:**	1669
Project:	24th St/Thomas	**Collection Date:**	9:12:00 AM
Lab ID:	08070019-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-70'
Lab Order:	08070019	**Tag Number:**	1669
Project:	24th St/Thomas	**Collection Date:**	9:12:00 AM
Lab ID:	08070019-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	140000	2000	D2	ppbv	4000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	97.4	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-20'
Lab Order:	08070019	**Tag Number:**	0195
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 9:35:00 AM
Lab ID:	08070019-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Lab Order:	08070019	**Tag Number:**	0195
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 9:35:00 AM
Lab ID:	08070019-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	66000	2000	D2	ppbv	4000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	95.3	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-30'
Lab Order:	08070019	**Tag Number:**	0237
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 10:10:00 AM
Lab ID:	08070019-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-30'
Lab Order:	08070019	**Tag Number:**	0237
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 10:10:00 AM
Lab ID:	08070019-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	34000	1000	D2	ppbv	2000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	97.9	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-40'
Lab Order:	08070019	**Tag Number:**	1625
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 12:40:00 PM
Lab ID:	08070019-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-40'
Lab Order:	08070019	**Tag Number:**	1625
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 12:40:00 PM
Lab ID:	08070019-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	800000	10000	D2	ppbv	20000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	94.9	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-50'
Lab Order:	08070019	**Tag Number:**	1615
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:40:00 PM
Lab ID:	08070019-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-50'
Lab Order:	08070019	**Tag Number:**	1615
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:40:00 PM
Lab ID:	08070019-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	2000000	50000	D2	ppbv	100000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	93.5	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-51'
Lab Order:	08070019	**Tag Number:**	1274
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:44:00 PM
Lab ID:	08070019-06A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-51'
Lab Order:	08070019	**Tag Number:**	1274
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:44:00 PM
Lab ID:	08070019-06A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1100000	50000	D2	ppbv	100000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	94.3	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-60'
Lab Order:	08070019	**Tag Number:**	1439
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 2:44:00 PM
Lab ID:	08070019-07A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	14000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-60'
Lab Order:	08070019	**Tag Number:**	1439
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 2:44:00 PM
Lab ID:	08070019-07A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1100000	50000	D2	ppbv	100000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	93.1	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	10.34	0.50	10	0	103	70	130				

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.890	0.50	10	0	98.9	70	130				

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.070	0.50	10	0	90.7	65	135				
1,1,2,2-Tetrachloroethane	10.57	0.50	10	0	106	65	135				
1,1,2-Trichloroethane	11.00	0.50	10	0	110	65	135				
1,1-Dichloroethane	9.680	0.50	10	0	96.8	65	135				
1,1-Dichloroethene	10.55	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	12.60	2.0	10	0	126	65	135				
1,2,4-Trimethylbenzene	15.82	0.50	10	0	158	65	135				L1V1
1,2-Dibromoethane	12.05	0.50	10	0	120	65	135				
1,2-Dichlorobenzene	11.86	0.50	10	0	119	65	135				
1,2-Dichloroethane	10.27	0.50	10	0	103	65	135				
1,2-Dichloropropane	11.20	0.50	10	0	112	65	135				
1,3,5-Trimethylbenzene	15.05	0.50	10	0	150	65	135				L1V1
1,3-Butadiene	10.85	0.50	10	0	108	65	135				
1,3-Dichlorobenzene	11.55	0.50	10	0	116	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	12.20	0.50	10	0	122	65	135				
2,2,4-Trimethylpentane	11.75	0.50	10	0	118	65	135				
2-Butanone (MEK)	14.75	1.0	10	0	148	65	135				L1V1
2-Hexanone	14.73	1.0	10	0	147	65	135				L1V1
2-Propanol	9.260	2.0	10	0	92.6	65	135				
4-Ethyltoluene	14.96	0.50	10	0	150	65	135				L1V1
4-Methyl-2-pentanone	17.45	1.0	10	0	174	65	135				L1V1
Acetone	11.91	5.0	10	0	119	65	135				
Allyl chloride	10.55	0.50	10	0	106	65	135				
Benzene	10.83	0.50	10	0	108	65	135				
Benzyl chloride	13.45	2.0	10	0	135	65	135				V1
Bromodichloromethane	10.95	0.50	10	0	110	65	135				
Bromoethene(Vinyl Bromide)	9.320	0.50	10	0	93.2	65	135				
Bromoform	10.45	0.50	10	0	104	65	135				
Bromomethane	8.850	0.50	10	0	88.5	65	135				
Carbon disulfide	9.500	0.50	10	0	95.0	65	135				
Carbon tetrachloride	9.540	0.50	10	0	95.4	65	135				
Chlorobenzene	10.54	0.50	10	0	105	65	135				
Chloroethane	8.760	0.50	10	0	87.6	65	135				
Chloroform	11.30	0.50	10	0	113	65	135				
Chloromethane	8.740	0.50	10	0	87.4	65	135				
cis-1,2-Dichloroethene	10.70	0.50	10	0	107	65	135				
cis-1,3-Dichloropropene	13.34	0.50	10	0	133	65	135				V1
Cyclohexane	11.69	0.50	10	0	117	65	135				
Dibromochloromethane	11.34	0.50	10	0	113	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	11.86	0.50	10	0	119	65	135				
Dichlorotetrafluoroethane(F-114)	11.31	0.50	10	0	113	65	135				
Ethyl Acetate	14.20	0.50	10	0	142	65	135				L1V1
Ethylbenzene	13.29	0.50	10	0	133	65	135				V1
Heptane	11.93	0.50	10	0	119	65	135				
Hexachlorobutadiene	13.28	1.0	10	0	133	65	135				V1
Hexane	12.45	0.50	10	0	125	65	135				
m&p-Xylene	26.45	1.0	20	0	132	65	135				L1V1
Methyl tert-butyl ether	13.26	1.0	10	0	133	65	135				V1
Methylene chloride	9.350	0.50	10	0	93.5	65	135				
o-Xylene	13.56	0.50	10	0	136	65	135				L1V1
Propene (Propylene)	9.310	0.50	10	0	93.1	65	135				
Styrene	11.56	0.50	10	0	116	65	135				
Tetrachloroethene	11.84	0.50	10	0	118	65	135				
Tetrahydrofuran	11.01	2.0	10	0	110	65	135				
Toluene	13.75	0.50	10	0	138	65	135				L1V1
trans-1,2-Dichloroethene	10.00	0.50	10	0	100	65	135				
trans-1,3-Dichloropropene	13.26	0.50	10	0	133	65	135				V1
Trichloroethene	10.83	0.50	10	0	108	65	135				
Trichlorofluoromethane(F-11)	11.81	0.50	10	0	118	65	135				
Trichlorotrifluoroethane(F-113)	9.120	0.50	10	0	91.2	65	135				
Vinyl acetate	10.96	0.50	10	0	110	65	135				
Vinyl chloride	9.530	0.50	10	0	95.3	65	135				
Surr: 4-Bromofluorobenzene	10.41	0.50	10	0	104	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.440	0.50	10	0	94.4	65	135				
1,1,2,2-Tetrachloroethane	9.680	0.50	10	0	96.8	65	135				
1,1,2-Trichloroethane	10.07	0.50	10	0	101	65	135				
1,1-Dichloroethane	10.00	0.50	10	0	100	65	135				
1,1-Dichloroethene	10.89	0.50	10	0	109	65	135				
1,2,4-Trichlorobenzene	10.27	2.0	10	0	103	65	135				
1,2,4-Trimethylbenzene	10.00	0.50	10	0	100	65	135				
1,2-Dibromoethane	10.59	0.50	10	0	106	65	135				
1,2-Dichlorobenzene	10.89	0.50	10	0	109	65	135				
1,2-Dichloroethane	10.05	0.50	10	0	100	65	135				
1,2-Dichloropropane	10.27	0.50	10	0	103	65	135				
1,3,5-Trimethylbenzene	10.35	0.50	10	0	104	65	135				
1,3-Butadiene	11.26	0.50	10	0	113	65	135				
1,3-Dichlorobenzene	10.85	0.50	10	0	108	65	135				
1,4-Dichlorobenzene	11.34	0.50	10	0	113	65	135				
2,2,4-Trimethylpentane	10.78	0.50	10	0	108	65	135				
2-Butanone (MEK)	11.12	1.0	10	0	111	65	135				
2-Hexanone	8.940	1.0	10	0	89.4	65	135				
2-Propanol	9.110	2.0	10	0	91.1	65	135				
4-Ethyltoluene	9.940	0.50	10	0	99.4	65	135				
4-Methyl-2-pentanone	9.630	1.0	10	0	96.3	65	135				
Acetone	10.19	5.0	10	0	102	65	135				
Allyl chloride	11.23	0.50	10	0	112	65	135				
Benzene	11.14	0.50	10	0	111	65	135				
Benzyl chloride	10.23	2.0	10	0	102	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	9.770	0.50	10	0	97.7	65	135				
Bromoethene(Vinyl Bromide)	9.910	0.50	10	0	99.1	65	135				
Bromoform	9.830	0.50	10	0	98.3	65	135				
Bromomethane	9.450	0.50	10	0	94.5	65	135				
Carbon disulfide	9.850	0.50	10	0	98.5	65	135				
Carbon tetrachloride	9.370	0.50	10	0	93.7	65	135				
Chlorobenzene	9.820	0.50	10	0	98.2	65	135				
Chloroethane	9.550	0.50	10	0	95.5	65	135				
Chloroform	9.060	0.50	10	0	90.6	65	135				
Chloromethane	9.450	0.50	10	0	94.5	65	135				
cis-1,2-Dichloroethene	10.88	0.50	10	0	109	65	135				
cis-1,3-Dichloropropene	9.130	0.50	10	0	91.3	65	135				
Cyclohexane	9.970	0.50	10	0	99.7	65	135				
Dibromochloromethane	10.03	0.50	10	0	100	65	135				
Dichlorodifluoromethane(F-12)	9.380	0.50	10	0	93.8	65	135				
Dichlorotetrafluoroethane(F-114)	9.510	0.50	10	0	95.1	65	135				
Ethyl Acetate	10.82	0.50	10	0	108	65	135				
Ethylbenzene	10.02	0.50	10	0	100	65	135				
Heptane	10.69	0.50	10	0	107	65	135				
Hexachlorobutadiene	9.760	1.0	10	0	97.6	65	135				
Hexane	9.690	0.50	10	0	96.9	65	135				
m&p-Xylene	21.27	1.0	20	0	106	65	135				
Methyl tert-butyl ether	11.73	1.0	10	0	117	65	135				
Methylene chloride	9.420	0.50	10	0	94.2	65	135				
o-Xylene	10.85	0.50	10	0	108	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	11.21	0.50	10	0	112	65	135				
Styrene	9.650	0.50	10	0	96.5	65	135				
Tetrachloroethene	10.79	0.50	10	0	108	65	135				
Tetrahydrofuran	9.380	2.0	10	0	93.8	65	135				
Toluene	10.21	0.50	10	0	102	65	135				
trans-1,2-Dichloroethene	10.90	0.50	10	0	109	65	135				
trans-1,3-Dichloropropene	9.030	0.50	10	0	90.3	65	135				
Trichloroethene	10.23	0.50	10	0	102	65	135				
Trichlorofluoromethane(F-11)	9.300	0.50	10	0	93.0	65	135				
Trichlorotrifluoroethane(F-113)	9.380	0.50	10	0	93.8	65	135				
Vinyl acetate	9.530	0.50	10	0	95.3	65	135				
Vinyl chloride	10.64	0.50	10	0	106	65	135				
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130				

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.920	0.50	10	0	89.2	65	135	9.070	1.67	25	
1,1,2,2-Tetrachloroethane	9.940	0.50	10	0	99.4	65	135	10.57	6.14	25	
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	11.00	7.06	25	
1,1-Dichloroethane	9.730	0.50	10	0	97.3	65	135	9.680	0.515	25	
1,1-Dichloroethene	10.62	0.50	10	0	106	65	135	10.55	0.661	25	
1,2,4-Trichlorobenzene	11.69	2.0	10	0	117	65	135	12.60	7.49	25	
1,2,4-Trimethylbenzene	14.58	0.50	10	0	146	65	135	15.82	8.16	25	L1

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.07	0.50	10	0	111	65	135	12.05	8.48	25	
1,2-Dichlorobenzene	11.05	0.50	10	0	110	65	135	11.86	7.07	25	
1,2-Dichloroethane	9.960	0.50	10	0	99.6	65	135	10.27	3.06	25	
1,2-Dichloropropane	10.42	0.50	10	0	104	65	135	11.20	7.22	25	
1,3,5-Trimethylbenzene	13.65	0.50	10	0	136	65	135	15.05	9.76	25	L1
1,3-Butadiene	10.81	0.50	10	0	108	65	135	10.85	0.369	25	
1,3-Dichlorobenzene	10.89	0.50	10	0	109	65	135	11.55	5.88	25	
1,4-Dichlorobenzene	11.43	0.50	10	0	114	65	135	12.20	6.52	25	
2,2,4-Trimethylpentane	10.89	0.50	10	0	109	65	135	11.75	7.60	25	
2-Butanone (MEK)	14.50	1.0	10	0	145	65	135	14.75	1.71	25	L1
2-Hexanone	13.93	1.0	10	0	139	65	135	14.73	5.58	25	L1
2-Propanol	10.71	2.0	10	0	107	65	135	9.260	14.5	25	
4-Ethyltoluene	14.04	0.50	10	0	140	65	135	14.96	6.34	25	L1
4-Methyl-2-pentanone	16.11	1.0	10	0	161	65	135	17.45	7.99	25	L1
Acetone	13.10	5.0	10	0	131	65	135	11.91	9.52	25	
Allyl chloride	10.78	0.50	10	0	108	65	135	10.55	2.16	25	
Benzene	10.83	0.50	10	0	108	65	135	10.83	0	25	
Benzyl chloride	12.83	2.0	10	0	128	65	135	13.45	4.72	25	
Bromodichloromethane	10.07	0.50	10	0	101	65	135	10.95	8.37	25	
Bromoethene(Vinyl Bromide)	9.670	0.50	10	0	96.7	65	135	9.320	3.69	25	
Bromoform	9.730	0.50	10	0	97.3	65	135	10.45	7.14	25	
Bromomethane	9.190	0.50	10	0	91.9	65	135	8.850	3.77	25	
Carbon disulfide	9.490	0.50	10	0	94.9	65	135	9.500	0.105	25	
Carbon tetrachloride	9.210	0.50	10	0	92.1	65	135	9.540	3.52	25	
Chlorobenzene	9.710	0.50	10	0	97.1	65	135	10.54	8.20	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.100	0.50	10	0	91.0	65	135	8.760	3.81	25	
Chloroform	11.04	0.50	10	0	110	65	135	11.30	2.33	25	
Chloromethane	8.960	0.50	10	0	89.6	65	135	8.740	2.49	25	
cis-1,2-Dichloroethene	10.51	0.50	10	0	105	65	135	10.70	1.79	25	
cis-1,3-Dichloropropene	12.63	0.50	10	0	126	65	135	13.34	5.47	25	
Cyclohexane	11.68	0.50	10	0	117	65	135	11.69	0.0856	25	
Dibromochloromethane	10.46	0.50	10	0	105	65	135	11.34	8.07	25	
Dichlorodifluoromethane(F-12)	11.70	0.50	10	0	117	65	135	11.86	1.36	25	
Dichlorotetrafluoroethane(F-114)	11.42	0.50	10	0	114	65	135	11.31	0.968	25	
Ethyl Acetate	13.98	0.50	10	0	140	65	135	14.20	1.56	25	L1
Ethylbenzene	12.30	0.50	10	0	123	65	135	13.29	7.74	25	
Heptane	10.97	0.50	10	0	110	65	135	11.93	8.38	25	
Hexachlorobutadiene	10.51	1.0	10	0	105	65	135	13.28	23.3	25	
Hexane	12.34	0.50	10	0	123	65	135	12.45	0.887	25	
m&p-Xylene	24.10	1.0	20	0	120	65	135	26.45	9.30	25	
Methyl tert-butyl ether	13.48	1.0	10	0	135	65	135	13.26	1.65	25	
Methylene chloride	9.270	0.50	10	0	92.7	65	135	9.350	0.859	25	
o-Xylene	12.39	0.50	10	0	124	65	135	13.56	9.02	25	
Propene (Propylene)	10.13	0.50	10	0	101	65	135	9.310	8.44	25	
Styrene	10.91	0.50	10	0	109	65	135	11.56	5.79	25	
Tetrachloroethene	10.88	0.50	10	0	109	65	135	11.84	8.45	25	
Tetrahydrofuran	10.95	2.0	10	0	110	65	135	11.01	0.546	25	
Toluene	12.58	0.50	10	0	126	65	135	13.75	8.89	25	
trans-1,2-Dichloroethene	10.38	0.50	10	0	104	65	135	10.00	3.73	25	
trans-1,3-Dichloropropene	12.60	0.50	10	0	126	65	135	13.26	5.10	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.890	0.50	10	0	98.9	65	135	10.83	9.07	25	
Trichlorofluoromethane(F-11)	11.64	0.50	10	0	116	65	135	11.81	1.45	25	
Trichlorotrifluoroethane(F-113)	9.140	0.50	10	0	91.4	65	135	9.120	0.219	25	
Vinyl acetate	11.07	0.50	10	0	111	65	135	10.96	0.999	25	
Vinyl chloride	10.04	0.50	10	0	100	65	135	9.530	5.21	25	
Surr: 4-Bromofluorobenzene	10.22	0.50	10	0	102	70	130	10.41	0	0	

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.560	0.50	10	0	95.6	65	135	9.440	1.26	25	
1,1,2,2-Tetrachloroethane	9.840	0.50	10	0	98.4	65	135	9.680	1.64	25	
1,1,2-Trichloroethane	10.04	0.50	10	0	100	65	135	10.07	0.298	25	
1,1-Dichloroethane	10.26	0.50	10	0	103	65	135	10.00	2.57	25	
1,1-Dichloroethene	11.34	0.50	10	0	113	65	135	10.89	4.05	25	
1,2,4-Trichlorobenzene	11.53	2.0	10	0	115	65	135	10.27	11.6	25	
1,2,4-Trimethylbenzene	10.19	0.50	10	0	102	65	135	10.00	1.88	25	
1,2-Dibromoethane	10.72	0.50	10	0	107	65	135	10.59	1.22	25	
1,2-Dichlorobenzene	11.21	0.50	10	0	112	65	135	10.89	2.90	25	
1,2-Dichloroethane	10.35	0.50	10	0	104	65	135	10.05	2.94	25	
1,2-Dichloropropane	10.19	0.50	10	0	102	65	135	10.27	0.782	25	
1,3,5-Trimethylbenzene	10.46	0.50	10	0	105	65	135	10.35	1.06	25	
1,3-Butadiene	11.56	0.50	10	0	116	65	135	11.26	2.63	25	
1,3-Dichlorobenzene	11.20	0.50	10	0	112	65	135	10.85	3.17	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	11.60	0.50	10	0	116	65	135	11.34	2.27	25	
2,2,4-Trimethylpentane	10.85	0.50	10	0	108	65	135	10.78	0.647	25	
2-Butanone (MEK)	11.40	1.0	10	0	114	65	135	11.12	2.49	25	
2-Hexanone	9.260	1.0	10	0	92.6	65	135	8.940	3.52	25	
2-Propanol	10.05	2.0	10	0	100	65	135	9.110	9.81	25	
4-Ethyltoluene	10.11	0.50	10	0	101	65	135	9.940	1.70	25	
4-Methyl-2-pentanone	9.680	1.0	10	0	96.8	65	135	9.630	0.518	25	
Acetone	10.68	5.0	10	0	107	65	135	10.19	4.70	25	
Allyl chloride	12.14	0.50	10	0	121	65	135	11.23	7.79	25	
Benzene	11.41	0.50	10	0	114	65	135	11.14	2.39	25	
Benzyl chloride	11.01	2.0	10	0	110	65	135	10.23	7.34	25	
Bromodichloromethane	9.910	0.50	10	0	99.1	65	135	9.770	1.42	25	
Bromoethene(Vinyl Bromide)	10.53	0.50	10	0	105	65	135	9.910	6.07	25	
Bromoform	9.880	0.50	10	0	98.8	65	135	9.830	0.507	25	
Bromomethane	9.900	0.50	10	0	99.0	65	135	9.450	4.65	25	
Carbon disulfide	9.980	0.50	10	0	99.8	65	135	9.850	1.31	25	
Carbon tetrachloride	9.460	0.50	10	0	94.6	65	135	9.370	0.956	25	
Chlorobenzene	9.850	0.50	10	0	98.5	65	135	9.820	0.305	25	
Chloroethane	9.890	0.50	10	0	98.9	65	135	9.550	3.50	25	
Chloroform	9.220	0.50	10	0	92.2	65	135	9.060	1.75	25	
Chloromethane	9.680	0.50	10	0	96.8	65	135	9.450	2.40	25	
cis-1,2-Dichloroethene	11.41	0.50	10	0	114	65	135	10.88	4.76	25	
cis-1,3-Dichloropropene	9.300	0.50	10	0	93.0	65	135	9.130	1.84	25	
Cyclohexane	10.14	0.50	10	0	101	65	135	9.970	1.69	25	
Dibromochloromethane	10.14	0.50	10	0	101	65	135	10.03	1.09	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *01-Aug-08*

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ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	9.540	0.50	10	0	95.4	65	135	9.380	1.69	25	
Dichlorotetrafluoroethane(F-114)	9.700	0.50	10	0	97.0	65	135	9.510	1.98	25	
Ethyl Acetate	11.41	0.50	10	0	114	65	135	10.82	5.31	25	
Ethylbenzene	10.13	0.50	10	0	101	65	135	10.02	1.09	25	
Heptane	10.67	0.50	10	0	107	65	135	10.69	0.187	25	
Hexachlorobutadiene	10.12	1.0	10	0	101	65	135	9.760	3.62	25	
Hexane	10.01	0.50	10	0	100	65	135	9.690	3.25	25	
m&p-Xylene	21.58	1.0	20	0	108	65	135	21.27	1.45	25	
Methyl tert-butyl ether	12.08	1.0	10	0	121	65	135	11.73	2.94	25	
Methylene chloride	9.590	0.50	10	0	95.9	65	135	9.420	1.79	25	
o-Xylene	10.83	0.50	10	0	108	65	135	10.85	0.185	25	
Propene (Propylene)	11.97	0.50	10	0	120	65	135	11.21	6.56	25	
Styrene	9.760	0.50	10	0	97.6	65	135	9.650	1.13	25	
Tetrachloroethene	10.87	0.50	10	0	109	65	135	10.79	0.739	25	
Tetrahydrofuran	9.590	2.0	10	0	95.9	65	135	9.380	2.21	25	
Toluene	10.26	0.50	10	0	103	65	135	10.21	0.489	25	
trans-1,2-Dichloroethene	11.51	0.50	10	0	115	65	135	10.90	5.44	25	
trans-1,3-Dichloropropene	9.110	0.50	10	0	91.1	65	135	9.030	0.882	25	
Trichloroethene	10.28	0.50	10	0	103	65	135	10.23	0.488	25	
Trichlorofluoromethane(F-11)	9.440	0.50	10	0	94.4	65	135	9.300	1.49	25	
Trichlorotrifluoroethane(F-113)	9.650	0.50	10	0	96.5	65	135	9.380	2.84	25	
Vinyl acetate	9.950	0.50	10	0	99.5	65	135	9.530	4.31	25	
Vinyl chloride	11.16	0.50	10	0	112	65	135	10.64	4.77	25	
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130	9.980	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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Client Contact Information

Company: Shaw ENV.
Address: 4039 E Wildcat Dr
City/State/Zip: Cave Creek, AZ 85331
Phone: 480-213-9722
FAX:
Project Name: 24th St/Thomas
Site:
PO #

Project Manager: Doug Hulmes
Phone: 480-213-9722
Email: doug.hulmes@shawgrp.com
Site Contact: Doug Hulmes
LAB Contact: Corey

Analysis Turnaround Time
Standard (Specify) X
Rush (Specify)

Page 1 of 1 COCs

Samples Collected By: DGH

	Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Model (Liters)	Flow Controller ID	Canister ID	TO-15 (Full or IAQ)	TO-14A	TO-3	EPA 25C	ASTM D-1946 (Fixed Gases)	Other (Please specify in notes section)	Sample Type	Indoor Air (IAQ)	Ambient Air	Soil Gas	~~Landfill Gas~~ 8260B-soil	Other (Please specify in notes section)
	S AS-1-10' (Soil)	7/23/08	0910		0.4, 1.0, 6.0	N/A	Soil											X-run	
	S AS-1-20' (sample)	7/23/08	0940		0.4, 1.0, 6.0	N/A	Soil		← extract + hold									X	
	S AS-1-40'	7/23/08	1105		0.4, 1.0, 6.0	N/A	Soil		← extract + hold										
1	AS-1-10'		0910	0912	0.4, 1.0, 6.0		1669	X											
2	AS-1-20'		0933	0935	0.4, 1.0, 6.0		0195	X											
3	AS-1-30'		1008	1010	0.4, 1.0, 6.0		0239	X											
4	AS-1-40'	7/23/08	~~1008~~	~~1010~~	0.4, 1.0, 6.0		~~0239~~	X											
5	AS-1-50'		1238 1338	1240 1340	0.4, 1.0, 6.0		1633 1615	X											
6	AS-1-51'		1342	1344	0.4, 1.0, 6.0		1294	X											
7	AS-1-60'	7/23/08	1442	1444	0.4, 1.0, 6.0		1439	X											
	S AS-1-60'	7/23/08		1445	0.4, 1.0, 6.0	N/A	Soil		← extract + hold									X-run	
					0.4, 1.0, 6.0														

Special Instructions/QC Requirements & Comments: please email results to doug.hulmes@shawgrp.com
Call for address for invoice

Samples Shipped by: HAN	Date/Time: 7/23/08 / 1520	Samples Received by:
Samples Relinquished by:	Date/Time: 7/23/08 1540	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TAL-00

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Friday, August 01, 2008

Douglas G. Hulmes, G.I.T.
Shaw Environmental & Infastructure, Inc.
15455 N. Greenway-Hayden Loop, Suite C-15
Scottsdale, AZ 85260

TEL: (480) 998-6628
FAX: (480) 998-2620

RE:

Order No.: 08070020

Dear Douglas G. Hulmes, G.I.T.:

TestAmerica Laboratories, Inc. received 4 sample(s) on 7/24/2008 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

~~Laurie McBride~~ Corey Schrader
Project Manager

TestAmerica Laboratories, Inc. **Date:** *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Project:
Lab Order: 08070020

CASE NARRATIVE

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

D2 Sample required dilution due to high concentration of target analyte.

L1 The associated blank spike recovery was above laboratory acceptance limits.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-70'
Lab Order:	08070020	**Tag Number:**	1699
Project:		**Collection Date:**	7/24/2008 3:34:00 PM
Lab ID:	08070020-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-70'
Lab Order:	08070020	**Tag Number:**	1699
Project:		**Collection Date:**	7/24/2008 3:34:00 PM
Lab ID:	08070020-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1300000	25000	D2	ppbv	50000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	94.1	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-75'
Lab Order:	08070020	**Tag Number:**	0309
Project:		**Collection Date:**	7/24/2008 7:24:00 AM
Lab ID:	08070020-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-75'
Lab Order:	08070020	**Tag Number:**	0309
Project:		**Collection Date:**	7/24/2008 7:24:00 AM
Lab ID:	08070020-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1200000	25000	D2	ppbv	50000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	I1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	92.8	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-85'
Lab Order:	08070020	**Tag Number:**	1244
Project:		**Collection Date:**	7/24/2008 7:52:00 AM
Lab ID:	08070020-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-85'
Lab Order:	08070020	**Tag Number:**	1244
Project:		**Collection Date:**	7/24/2008 7:52:00 AM
Lab ID:	08070020-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	520000	25000		ppbv	50000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	93.9	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	10.34	0.50	10	0	103	70	130				

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.890	0.50	10	0	98.9	70	130				

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.070	0.50	10	0	90.7	65	135				
1,1,2,2-Tetrachloroethane	10.57	0.50	10	0	106	65	135				
1,1,2-Trichloroethane	11.00	0.50	10	0	110	65	135				
1,1-Dichloroethane	9.680	0.50	10	0	96.8	65	135				
1,1-Dichloroethene	10.55	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	12.60	2.0	10	0	126	65	135				
1,2,4-Trimethylbenzene	15.82	0.50	10	0	158	65	135				L1V1
1,2-Dibromoethane	12.05	0.50	10	0	120	65	135				
1,2-Dichlorobenzene	11.86	0.50	10	0	119	65	135				
1,2-Dichloroethane	10.27	0.50	10	0	103	65	135				
1,2-Dichloropropane	11.20	0.50	10	0	112	65	135				
1,3,5-Trimethylbenzene	15.05	0.50	10	0	150	65	135				L1V1
1,3-Butadiene	10.85	0.50	10	0	108	65	135				
1,3-Dichlorobenzene	11.55	0.50	10	0	116	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	12.20	0.50	10	0	122	65	135				
2,2,4-Trimethylpentane	11.75	0.50	10	0	118	65	135				
2-Butanone (MEK)	14.75	1.0	10	0	148	65	135				L1V1
2-Hexanone	14.73	1.0	10	0	147	65	135				L1V1
2-Propanol	9.260	2.0	10	0	92.6	65	135				
4-Ethyltoluene	14.96	0.50	10	0	150	65	135				L1V1
4-Methyl-2-pentanone	17.45	1.0	10	0	174	65	135				L1V1
Acetone	11.91	5.0	10	0	119	65	135				
Allyl chloride	10.55	0.50	10	0	106	65	135				
Benzene	10.83	0.50	10	0	108	65	135				
Benzyl chloride	13.45	2.0	10	0	135	65	135				V1
Bromodichloromethane	10.95	0.50	10	0	110	65	135				
Bromoethene(Vinyl Bromide)	9.320	0.50	10	0	93.2	65	135				
Bromoform	10.45	0.50	10	0	104	65	135				
Bromomethane	8.850	0.50	10	0	88.5	65	135				
Carbon disulfide	9.500	0.50	10	0	95.0	65	135				
Carbon tetrachloride	9.540	0.50	10	0	95.4	65	135				
Chlorobenzene	10.54	0.50	10	0	105	65	135				
Chloroethane	8.760	0.50	10	0	87.6	65	135				
Chloroform	11.30	0.50	10	0	113	65	135				
Chloromethane	8.740	0.50	10	0	87.4	65	135				
cis-1,2-Dichloroethene	10.70	0.50	10	0	107	65	135				
cis-1,3-Dichloropropene	13.34	0.50	10	0	133	65	135				V1
Cyclohexane	11.69	0.50	10	0	117	65	135				
Dibromochloromethane	11.34	0.50	10	0	113	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	11.86	0.50	10	0	119	65	135				
Dichlorotetrafluoroethane(F-114)	11.31	0.50	10	0	113	65	135				
Ethyl Acetate	14.20	0.50	10	0	142	65	135				L1V1
Ethylbenzene	13.29	0.50	10	0	133	65	135				V1
Heptane	11.93	0.50	10	0	119	65	135				
Hexachlorobutadiene	13.28	1.0	10	0	133	65	135				V1
Hexane	12.45	0.50	10	0	125	65	135				
m&p-Xylene	26.45	1.0	20	0	132	65	135				L1V1
Methyl tert-butyl ether	13.26	1.0	10	0	133	65	135				V1
Methylene chloride	9.350	0.50	10	0	93.5	65	135				
o-Xylene	13.56	0.50	10	0	136	65	135				L1V1
Propene (Propylene)	9.310	0.50	10	0	93.1	65	135				
Styrene	11.56	0.50	10	0	116	65	135				
Tetrachloroethene	11.84	0.50	10	0	118	65	135				
Tetrahydrofuran	11.01	2.0	10	0	110	65	135				
Toluene	13.75	0.50	10	0	138	65	135				L1V1
trans-1,2-Dichloroethene	10.00	0.50	10	0	100	65	135				
trans-1,3-Dichloropropene	13.26	0.50	10	0	133	65	135				V1
Trichloroethene	10.83	0.50	10	0	108	65	135				
Trichlorofluoromethane(F-11)	11.81	0.50	10	0	118	65	135				
Trichlorotrifluoroethane(F-113)	9.120	0.50	10	0	91.2	65	135				
Vinyl acetate	10.96	0.50	10	0	110	65	135				
Vinyl chloride	9.530	0.50	10	0	95.3	65	135				
Surr: 4-Bromofluorobenzene	10.41	0.50	10	0	104	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.440	0.50	10	0	94.4	65	135				
1,1,2,2-Tetrachloroethane	9.680	0.50	10	0	96.8	65	135				
1,1,2-Trichloroethane	10.07	0.50	10	0	101	65	135				
1,1-Dichloroethane	10.00	0.50	10	0	100	65	135				
1,1-Dichloroethene	10.89	0.50	10	0	109	65	135				
1,2,4-Trichlorobenzene	10.27	2.0	10	0	103	65	135				
1,2,4-Trimethylbenzene	10.00	0.50	10	0	100	65	135				
1,2-Dibromoethane	10.59	0.50	10	0	106	65	135				
1,2-Dichlorobenzene	10.89	0.50	10	0	109	65	135				
1,2-Dichloroethane	10.05	0.50	10	0	100	65	135				
1,2-Dichloropropane	10.27	0.50	10	0	103	65	135				
1,3,5-Trimethylbenzene	10.35	0.50	10	0	104	65	135				
1,3-Butadiene	11.26	0.50	10	0	113	65	135				
1,3-Dichlorobenzene	10.85	0.50	10	0	108	65	135				
1,4-Dichlorobenzene	11.34	0.50	10	0	113	65	135				
2,2,4-Trimethylpentane	10.78	0.50	10	0	108	65	135				
2-Butanone (MEK)	11.12	1.0	10	0	111	65	135				
2-Hexanone	8.940	1.0	10	0	89.4	65	135				
2-Propanol	9.110	2.0	10	0	91.1	65	135				
4-Ethyltoluene	9.940	0.50	10	0	99.4	65	135				
4-Methyl-2-pentanone	9.630	1.0	10	0	96.3	65	135				
Acetone	10.19	5.0	10	0	102	65	135				
Allyl chloride	11.23	0.50	10	0	112	65	135				
Benzene	11.14	0.50	10	0	111	65	135				
Benzyl chloride	10.23	2.0	10	0	102	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	9.770	0.50	10	0	97.7	65	135				
Bromoethene(Vinyl Bromide)	9.910	0.50	10	0	99.1	65	135				
Bromoform	9.830	0.50	10	0	98.3	65	135				
Bromomethane	9.450	0.50	10	0	94.5	65	135				
Carbon disulfide	9.850	0.50	10	0	98.5	65	135				
Carbon tetrachloride	9.370	0.50	10	0	93.7	65	135				
Chlorobenzene	9.820	0.50	10	0	98.2	65	135				
Chloroethane	9.550	0.50	10	0	95.5	65	135				
Chloroform	9.060	0.50	10	0	90.6	65	135				
Chloromethane	9.450	0.50	10	0	94.5	65	135				
cis-1,2-Dichloroethene	10.88	0.50	10	0	109	65	135				
cis-1,3-Dichloropropene	9.130	0.50	10	0	91.3	65	135				
Cyclohexane	9.970	0.50	10	0	99.7	65	135				
Dibromochloromethane	10.03	0.50	10	0	100	65	135				
Dichlorodifluoromethane(F-12)	9.380	0.50	10	0	93.8	65	135				
Dichlorotetrafluoroethane(F-114)	9.510	0.50	10	0	95.1	65	135				
Ethyl Acetate	10.82	0.50	10	0	108	65	135				
Ethylbenzene	10.02	0.50	10	0	100	65	135				
Heptane	10.69	0.50	10	0	107	65	135				
Hexachlorobutadiene	9.760	1.0	10	0	97.6	65	135				
Hexane	9.690	0.50	10	0	96.9	65	135				
m&p-Xylene	21.27	1.0	20	0	106	65	135				
Methyl tert-butyl ether	11.73	1.0	10	0	117	65	135				
Methylene chloride	9.420	0.50	10	0	94.2	65	135				
o-Xylene	10.85	0.50	10	0	108	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	11.21	0.50	10	0	112	65	135				
Styrene	9.650	0.50	10	0	96.5	65	135				
Tetrachloroethene	10.79	0.50	10	0	108	65	135				
Tetrahydrofuran	9.380	2.0	10	0	93.8	65	135				
Toluene	10.21	0.50	10	0	102	65	135				
trans-1,2-Dichloroethene	10.90	0.50	10	0	109	65	135				
trans-1,3-Dichloropropene	9.030	0.50	10	0	90.3	65	135				
Trichloroethene	10.23	0.50	10	0	102	65	135				
Trichlorofluoromethane(F-11)	9.300	0.50	10	0	93.0	65	135				
Trichlorotrifluoroethane(F-113)	9.380	0.50	10	0	93.8	65	135				
Vinyl acetate	9.530	0.50	10	0	95.3	65	135				
Vinyl chloride	10.64	0.50	10	0	106	65	135				
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130				

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.920	0.50	10	0	89.2	65	135	9.070	1.67	25	
1,1,2,2-Tetrachloroethane	9.940	0.50	10	0	99.4	65	135	10.57	6.14	25	
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	11.00	7.06	25	
1,1-Dichloroethane	9.730	0.50	10	0	97.3	65	135	9.680	0.515	25	
1,1-Dichloroethene	10.62	0.50	10	0	106	65	135	10.55	0.661	25	
1,2,4-Trichlorobenzene	11.69	2.0	10	0	117	65	135	12.60	7.49	25	
1,2,4-Trimethylbenzene	14.58	0.50	10	0	146	65	135	15.82	8.16	25	L1

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.07	0.50	10	0	111	65	135	12.05	8.48	25	
1,2-Dichlorobenzene	11.05	0.50	10	0	110	65	135	11.86	7.07	25	
1,2-Dichloroethane	9.960	0.50	10	0	99.6	65	135	10.27	3.06	25	
1,2-Dichloropropane	10.42	0.50	10	0	104	65	135	11.20	7.22	25	
1,3,5-Trimethylbenzene	13.65	0.50	10	0	136	65	135	15.05	9.76	25	L1
1,3-Butadiene	10.81	0.50	10	0	108	65	135	10.85	0.369	25	
1,3-Dichlorobenzene	10.89	0.50	10	0	109	65	135	11.55	5.88	25	
1,4-Dichlorobenzene	11.43	0.50	10	0	114	65	135	12.20	6.52	25	
2,2,4-Trimethylpentane	10.89	0.50	10	0	109	65	135	11.75	7.60	25	
2-Butanone (MEK)	14.50	1.0	10	0	145	65	135	14.75	1.71	25	L1
2-Hexanone	13.93	1.0	10	0	139	65	135	14.73	5.58	25	L1
2-Propanol	10.71	2.0	10	0	107	65	135	9.260	14.5	25	
4-Ethyltoluene	14.04	0.50	10	0	140	65	135	14.96	6.34	25	L1
4-Methyl-2-pentanone	16.11	1.0	10	0	161	65	135	17.45	7.99	25	L1
Acetone	13.10	5.0	10	0	131	65	135	11.91	9.52	25	
Allyl chloride	10.78	0.50	10	0	108	65	135	10.55	2.16	25	
Benzene	10.83	0.50	10	0	108	65	135	10.83	0	25	
Benzyl chloride	12.83	2.0	10	0	128	65	135	13.45	4.72	25	
Bromodichloromethane	10.07	0.50	10	0	101	65	135	10.95	8.37	25	
Bromoethene(Vinyl Bromide)	9.670	0.50	10	0	96.7	65	135	9.320	3.69	25	
Bromoform	9.730	0.50	10	0	97.3	65	135	10.45	7.14	25	
Bromomethane	9.190	0.50	10	0	91.9	65	135	8.850	3.77	25	
Carbon disulfide	9.490	0.50	10	0	94.9	65	135	9.500	0.105	25	
Carbon tetrachloride	9.210	0.50	10	0	92.1	65	135	9.540	3.52	25	
Chlorobenzene	9.710	0.50	10	0	97.1	65	135	10.54	8.20	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.100	0.50	10	0	91.0	65	135	8.760	3.81	25	
Chloroform	11.04	0.50	10	0	110	65	135	11.30	2.33	25	
Chloromethane	8.960	0.50	10	0	89.6	65	135	8.740	2.49	25	
cis-1,2-Dichloroethene	10.51	0.50	10	0	105	65	135	10.70	1.79	25	
cis-1,3-Dichloropropene	12.63	0.50	10	0	126	65	135	13.34	5.47	25	
Cyclohexane	11.68	0.50	10	0	117	65	135	11.69	0.0856	25	
Dibromochloromethane	10.46	0.50	10	0	105	65	135	11.34	8.07	25	
Dichlorodifluoromethane(F-12)	11.70	0.50	10	0	117	65	135	11.86	1.36	25	
Dichlorotetrafluoroethane(F-114)	11.42	0.50	10	0	114	65	135	11.31	0.968	25	
Ethyl Acetate	13.98	0.50	10	0	140	65	135	14.20	1.56	25	L1
Ethylbenzene	12.30	0.50	10	0	123	65	135	13.29	7.74	25	
Heptane	10.97	0.50	10	0	110	65	135	11.93	8.38	25	
Hexachlorobutadiene	10.51	1.0	10	0	105	65	135	13.28	23.3	25	
Hexane	12.34	0.50	10	0	123	65	135	12.45	0.887	25	
m&p-Xylene	24.10	1.0	20	0	120	65	135	26.45	9.30	25	
Methyl tert-butyl ether	13.48	1.0	10	0	135	65	135	13.26	1.65	25	
Methylene chloride	9.270	0.50	10	0	92.7	65	135	9.350	0.859	25	
o-Xylene	12.39	0.50	10	0	124	65	135	13.56	9.02	25	
Propene (Propylene)	10.13	0.50	10	0	101	65	135	9.310	8.44	25	
Styrene	10.91	0.50	10	0	109	65	135	11.56	5.79	25	
Tetrachloroethene	10.88	0.50	10	0	109	65	135	11.84	8.45	25	
Tetrahydrofuran	10.95	2.0	10	0	110	65	135	11.01	0.546	25	
Toluene	12.58	0.50	10	0	126	65	135	13.75	8.89	25	
trans-1,2-Dichloroethene	10.38	0.50	10	0	104	65	135	10.00	3.73	25	
trans-1,3-Dichloropropene	12.60	0.50	10	0	126	65	135	13.26	5.10	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.890	0.50	10	0	98.9	65	135	10.83	9.07	25	
Trichlorofluoromethane(F-11)	11.64	0.50	10	0	116	65	135	11.81	1.45	25	
Trichlorotrifluoroethane(F-113)	9.140	0.50	10	0	91.4	65	135	9.120	0.219	25	
Vinyl acetate	11.07	0.50	10	0	111	65	135	10.96	0.999	25	
Vinyl chloride	10.04	0.50	10	0	100	65	135	9.530	5.21	25	
Surr: 4-Bromofluorobenzene	10.22	0.50	10	0	102	70	130	10.41	0	0	

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.560	0.50	10	0	95.6	65	135	9.440	1.26	25	
1,1,2,2-Tetrachloroethane	9.840	0.50	10	0	98.4	65	135	9.680	1.64	25	
1,1,2-Trichloroethane	10.04	0.50	10	0	100	65	135	10.07	0.298	25	
1,1-Dichloroethane	10.26	0.50	10	0	103	65	135	10.00	2.57	25	
1,1-Dichloroethene	11.34	0.50	10	0	113	65	135	10.89	4.05	25	
1,2,4-Trichlorobenzene	11.53	2.0	10	0	115	65	135	10.27	11.6	25	
1,2,4-Trimethylbenzene	10.19	0.50	10	0	102	65	135	10.00	1.88	25	
1,2-Dibromoethane	10.72	0.50	10	0	107	65	135	10.59	1.22	25	
1,2-Dichlorobenzene	11.21	0.50	10	0	112	65	135	10.89	2.90	25	
1,2-Dichloroethane	10.35	0.50	10	0	104	65	135	10.05	2.94	25	
1,2-Dichloropropane	10.19	0.50	10	0	102	65	135	10.27	0.782	25	
1,3,5-Trimethylbenzene	10.46	0.50	10	0	105	65	135	10.35	1.06	25	
1,3-Butadiene	11.56	0.50	10	0	116	65	135	11.26	2.63	25	
1,3-Dichlorobenzene	11.20	0.50	10	0	112	65	135	10.85	3.17	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	11.60	0.50	10	0	116	65	135	11.34	2.27	25	
2,2,4-Trimethylpentane	10.85	0.50	10	0	108	65	135	10.78	0.647	25	
2-Butanone (MEK)	11.40	1.0	10	0	114	65	135	11.12	2.49	25	
2-Hexanone	9.260	1.0	10	0	92.6	65	135	8.940	3.52	25	
2-Propanol	10.05	2.0	10	0	100	65	135	9.110	9.81	25	
4-Ethyltoluene	10.11	0.50	10	0	101	65	135	9.940	1.70	25	
4-Methyl-2-pentanone	9.680	1.0	10	0	96.8	65	135	9.630	0.518	25	
Acetone	10.68	5.0	10	0	107	65	135	10.19	4.70	25	
Allyl chloride	12.14	0.50	10	0	121	65	135	11.23	7.79	25	
Benzene	11.41	0.50	10	0	114	65	135	11.14	2.39	25	
Benzyl chloride	11.01	2.0	10	0	110	65	135	10.23	7.34	25	
Bromodichloromethane	9.910	0.50	10	0	99.1	65	135	9.770	1.42	25	
Bromoethene(Vinyl Bromide)	10.53	0.50	10	0	105	65	135	9.910	6.07	25	
Bromoform	9.880	0.50	10	0	98.8	65	135	9.830	0.507	25	
Bromomethane	9.900	0.50	10	0	99.0	65	135	9.450	4.65	25	
Carbon disulfide	9.980	0.50	10	0	99.8	65	135	9.850	1.31	25	
Carbon tetrachloride	9.460	0.50	10	0	94.6	65	135	9.370	0.956	25	
Chlorobenzene	9.850	0.50	10	0	98.5	65	135	9.820	0.305	25	
Chloroethane	9.890	0.50	10	0	98.9	65	135	9.550	3.50	25	
Chloroform	9.220	0.50	10	0	92.2	65	135	9.060	1.75	25	
Chloromethane	9.680	0.50	10	0	96.8	65	135	9.450	2.40	25	
cis-1,2-Dichloroethene	11.41	0.50	10	0	114	65	135	10.88	4.76	25	
cis-1,3-Dichloropropene	9.300	0.50	10	0	93.0	65	135	9.130	1.84	25	
Cyclohexane	10.14	0.50	10	0	101	65	135	9.970	1.69	25	
Dibromochloromethane	10.14	0.50	10	0	101	65	135	10.03	1.09	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	9.540	0.50	10	0	95.4	65	135	9.380	1.69	25	
Dichlorotetrafluoroethane(F-114)	9.700	0.50	10	0	97.0	65	135	9.510	1.98	25	
Ethyl Acetate	11.41	0.50	10	0	114	65	135	10.82	5.31	25	
Ethylbenzene	10.13	0.50	10	0	101	65	135	10.02	1.09	25	
Heptane	10.67	0.50	10	0	107	65	135	10.69	0.187	25	
Hexachlorobutadiene	10.12	1.0	10	0	101	65	135	9.760	3.62	25	
Hexane	10.01	0.50	10	0	100	65	135	9.690	3.25	25	
m&p-Xylene	21.58	1.0	20	0	108	65	135	21.27	1.45	25	
Methyl tert-butyl ether	12.08	1.0	10	0	121	65	135	11.73	2.94	25	
Methylene chloride	9.590	0.50	10	0	95.9	65	135	9.420	1.79	25	
o-Xylene	10.83	0.50	10	0	108	65	135	10.85	0.185	25	
Propene (Propylene)	11.97	0.50	10	0	120	65	135	11.21	6.56	25	
Styrene	9.760	0.50	10	0	97.6	65	135	9.650	1.13	25	
Tetrachloroethene	10.87	0.50	10	0	109	65	135	10.79	0.739	25	
Tetrahydrofuran	9.590	2.0	10	0	95.9	65	135	9.380	2.21	25	
Toluene	10.26	0.50	10	0	103	65	135	10.21	0.489	25	
trans-1,2-Dichloroethene	11.51	0.50	10	0	115	65	135	10.90	5.44	25	
trans-1,3-Dichloropropene	9.110	0.50	10	0	91.1	65	135	9.030	0.882	25	
Trichloroethene	10.28	0.50	10	0	103	65	135	10.23	0.488	25	
Trichlorofluoromethane(F-11)	9.440	0.50	10	0	94.4	65	135	9.300	1.49	25	
Trichlorotrifluoroethane(F-113)	9.650	0.50	10	0	96.5	65	135	9.380	2.84	25	
Vinyl acetate	9.950	0.50	10	0	99.5	65	135	9.530	4.31	25	
Vinyl chloride	11.16	0.50	10	0	112	65	135	10.64	4.77	25	
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130	9.980	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

07-08-0020

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Phoenix
4645 E. Cotton Center Blvd, Bldg 3, Ste 189
Phoenix, AZ 85040
Phone 602.437.3340 Fax 602.454.9303

Client Contact Information

Company: Shaw Environmental
Address:
City/State/Zip
Phone:
FAX:
Project Name:
Site:
PO #

Project Manager: Doug Hulmes
Phone: 480-213-9722
Email: doug.hulmes@shawgroup.com
Site Contact: D. Hulmes
LAB Contact: corey

Analysis Turnaround Time
Standard (Specify)_____
Rush (Specify)_____

Samples Collected By: D. Hulmes

Page 1 of 1 COCs

	Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Model (Liters)	Flow Controller ID	Canister ID	TO-15 (Full or IAQ)	TO-14A	TO-3	EPA 25C	ASTM D-1946 (Fixed Gases)	Other (Please specify in notes section)	Sample Type	Indoor Air (IAQ)	Ambient Air	Soil Gas	~~Landfill Gas~~ 826aB	Other (Please specify in notes section)
1	AS-1-70'	7/23/08	1532	1534	0.4, 1.0, 6.0		1697	X											
	SAS-1-70'		N/A	Soil 1535	0.4, 1.0, 6.0		-Soil											X	
	SAS-1-75'	7/24/08	N/A	0700	0.4, 1.0, 6.0		-Soil											X	
2	AS-1-75'	7/24/08	0722	0724	0.4, 1.0, 6.0		0309	X											
3	AS-1-85'	7/24/08	0750	0752	0.4, 1.0, 6.0		1244	X											
	SAS-1-85'	7/24/08	0750	N/A-Soil	0.4, 1.0, 6.0		-Soil											X	
	SAS-1-90'	7/24/08	0830	N/A-Soil	0.4, 1.0, 6.0		-Soil												
4	AS-1-90'	7/24/08	0825	0829	0.4, 1.0, 6.0		1662	X											
					0.4, 1.0, 6.0														
					0.4, 1.0, 6.0														
					0.4, 1.0, 6.0														
					0.4, 1.0, 6.0														

extract & hold

Special Instructions/QC Requirements & Comments:
Pls email all results

Samples Shipped by: [signature]	Date/Time: 7/24/08 10:10	Samples Received by: [signature]
Samples Relinquished by: [signature]	Date/Time: 7/24/08 1031	Received by:
Relinquished by:	Date/Time:	Received by: [signature]

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TAL-0042 (02/08)

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Friday, August 01, 2008

Douglas G. Hulmes, G.I.T.
Shaw Environmental & Infastructure, Inc.
15455 N. Greenway-Hayden Loop, Suite C-15
Scottsdale, AZ 85260

TEL: (480) 998-6628
FAX: (480) 998-2620

RE:

Order No.: 08070020

Dear Douglas G. Hulmes, G.I.T.:

TestAmerica Laboratories, Inc. received 4 sample(s) on 7/24/2008 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

~~Laurie McBride~~ Corey Schroder
Project Manager

TestAmerica Laboratories, Inc. **Date:** *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Project:
Lab Order: 08070020

CASE NARRATIVE

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

D2 Sample required dilution due to high concentration of target analyte.

L1 The associated blank spike recovery was above laboratory acceptance limits.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-70'
Lab Order:	08070020	**Tag Number:**	1699
Project:		**Collection Date:**	7/24/2008 3:34:00 PM
Lab ID:	08070020-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-70'
Lab Order:	08070020	**Tag Number:**	1699
Project:		**Collection Date:**	7/24/2008 3:34:00 PM
Lab ID:	08070020-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: J.J.
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1300000	25000	D2	ppbv	50000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	94.1	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-75'
Lab Order:	08070020	**Tag Number:**	0309
Project:		**Collection Date:**	7/24/2008 7:24:00 AM
Lab ID:	08070020-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-75'
Lab Order:	08070020	**Tag Number:**	0309
Project:		**Collection Date:**	7/24/2008 7:24:00 AM
Lab ID:	08070020-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: J.J.
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1200000	25000	D2	ppbv	50000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	I1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	92.8	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-85'
Lab Order:	08070020	**Tag Number:**	1244
Project:		**Collection Date:**	7/24/2008 7:52:00 AM
Lab ID:	08070020-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *01-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-85'
Lab Order:	08070020	**Tag Number:**	1244
Project:		**Collection Date:**	7/24/2008 7:52:00 AM
Lab ID:	08070020-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	520000	25000		ppbv	50000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	93.9	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	10.34	0.50	10	0	103	70	130				

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.890	0.50	10	0	98.9	70	130				

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.070	0.50	10	0	90.7	65	135				
1,1,2,2-Tetrachloroethane	10.57	0.50	10	0	106	65	135				
1,1,2-Trichloroethane	11.00	0.50	10	0	110	65	135				
1,1-Dichloroethane	9.680	0.50	10	0	96.8	65	135				
1,1-Dichloroethene	10.55	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	12.60	2.0	10	0	126	65	135				
1,2,4-Trimethylbenzene	15.82	0.50	10	0	158	65	135				L1V1
1,2-Dibromoethane	12.05	0.50	10	0	120	65	135				
1,2-Dichlorobenzene	11.86	0.50	10	0	119	65	135				
1,2-Dichloroethane	10.27	0.50	10	0	103	65	135				
1,2-Dichloropropane	11.20	0.50	10	0	112	65	135				
1,3,5-Trimethylbenzene	15.05	0.50	10	0	150	65	135				L1V1
1,3-Butadiene	10.85	0.50	10	0	108	65	135				
1,3-Dichlorobenzene	11.55	0.50	10	0	116	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	12.20	0.50	10	0	122	65	135				
2,2,4-Trimethylpentane	11.75	0.50	10	0	118	65	135				
2-Butanone (MEK)	14.75	1.0	10	0	148	65	135				L1V1
2-Hexanone	14.73	1.0	10	0	147	65	135				L1V1
2-Propanol	9.260	2.0	10	0	92.6	65	135				
4-Ethyltoluene	14.96	0.50	10	0	150	65	135				L1V1
4-Methyl-2-pentanone	17.45	1.0	10	0	174	65	135				L1V1
Acetone	11.91	5.0	10	0	119	65	135				
Allyl chloride	10.55	0.50	10	0	106	65	135				
Benzene	10.83	0.50	10	0	108	65	135				
Benzyl chloride	13.45	2.0	10	0	135	65	135				V1
Bromodichloromethane	10.95	0.50	10	0	110	65	135				
Bromoethene(Vinyl Bromide)	9.320	0.50	10	0	93.2	65	135				
Bromoform	10.45	0.50	10	0	104	65	135				
Bromomethane	8.850	0.50	10	0	88.5	65	135				
Carbon disulfide	9.500	0.50	10	0	95.0	65	135				
Carbon tetrachloride	9.540	0.50	10	0	95.4	65	135				
Chlorobenzene	10.54	0.50	10	0	105	65	135				
Chloroethane	8.760	0.50	10	0	87.6	65	135				
Chloroform	11.30	0.50	10	0	113	65	135				
Chloromethane	8.740	0.50	10	0	87.4	65	135				
cis-1,2-Dichloroethene	10.70	0.50	10	0	107	65	135				
cis-1,3-Dichloropropene	13.34	0.50	10	0	133	65	135				V1
Cyclohexane	11.69	0.50	10	0	117	65	135				
Dibromochloromethane	11.34	0.50	10	0	113	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	11.86	0.50	10	0	119	65	135				
Dichlorotetrafluoroethane(F-114)	11.31	0.50	10	0	113	65	135				
Ethyl Acetate	14.20	0.50	10	0	142	65	135				L1V1
Ethylbenzene	13.29	0.50	10	0	133	65	135				V1
Heptane	11.93	0.50	10	0	119	65	135				
Hexachlorobutadiene	13.28	1.0	10	0	133	65	135				V1
Hexane	12.45	0.50	10	0	125	65	135				
m&p-Xylene	26.45	1.0	20	0	132	65	135				L1V1
Methyl tert-butyl ether	13.26	1.0	10	0	133	65	135				V1
Methylene chloride	9.350	0.50	10	0	93.5	65	135				
o-Xylene	13.56	0.50	10	0	136	65	135				L1V1
Propene (Propylene)	9.310	0.50	10	0	93.1	65	135				
Styrene	11.56	0.50	10	0	116	65	135				
Tetrachloroethene	11.84	0.50	10	0	118	65	135				
Tetrahydrofuran	11.01	2.0	10	0	110	65	135				
Toluene	13.75	0.50	10	0	138	65	135				L1V1
trans-1,2-Dichloroethene	10.00	0.50	10	0	100	65	135				
trans-1,3-Dichloropropene	13.26	0.50	10	0	133	65	135				V1
Trichloroethene	10.83	0.50	10	0	108	65	135				
Trichlorofluoromethane(F-11)	11.81	0.50	10	0	118	65	135				
Trichlorotrifluoroethane(F-113)	9.120	0.50	10	0	91.2	65	135				
Vinyl acetate	10.96	0.50	10	0	110	65	135				
Vinyl chloride	9.530	0.50	10	0	95.3	65	135				
Surr: 4-Bromofluorobenzene	10.41	0.50	10	0	104	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.440	0.50	10	0	94.4	65	135				
1,1,2,2-Tetrachloroethane	9.680	0.50	10	0	96.8	65	135				
1,1,2-Trichloroethane	10.07	0.50	10	0	101	65	135				
1,1-Dichloroethane	10.00	0.50	10	0	100	65	135				
1,1-Dichloroethene	10.89	0.50	10	0	109	65	135				
1,2,4-Trichlorobenzene	10.27	2.0	10	0	103	65	135				
1,2,4-Trimethylbenzene	10.00	0.50	10	0	100	65	135				
1,2-Dibromoethane	10.59	0.50	10	0	106	65	135				
1,2-Dichlorobenzene	10.89	0.50	10	0	109	65	135				
1,2-Dichloroethane	10.05	0.50	10	0	100	65	135				
1,2-Dichloropropane	10.27	0.50	10	0	103	65	135				
1,3,5-Trimethylbenzene	10.35	0.50	10	0	104	65	135				
1,3-Butadiene	11.26	0.50	10	0	113	65	135				
1,3-Dichlorobenzene	10.85	0.50	10	0	108	65	135				
1,4-Dichlorobenzene	11.34	0.50	10	0	113	65	135				
2,2,4-Trimethylpentane	10.78	0.50	10	0	108	65	135				
2-Butanone (MEK)	11.12	1.0	10	0	111	65	135				
2-Hexanone	8.940	1.0	10	0	89.4	65	135				
2-Propanol	9.110	2.0	10	0	91.1	65	135				
4-Ethyltoluene	9.940	0.50	10	0	99.4	65	135				
4-Methyl-2-pentanone	9.630	1.0	10	0	96.3	65	135				
Acetone	10.19	5.0	10	0	102	65	135				
Allyl chloride	11.23	0.50	10	0	112	65	135				
Benzene	11.14	0.50	10	0	111	65	135				
Benzyl chloride	10.23	2.0	10	0	102	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	9.770	0.50	10	0	97.7	65	135				
Bromoethene(Vinyl Bromide)	9.910	0.50	10	0	99.1	65	135				
Bromoform	9.830	0.50	10	0	98.3	65	135				
Bromomethane	9.450	0.50	10	0	94.5	65	135				
Carbon disulfide	9.850	0.50	10	0	98.5	65	135				
Carbon tetrachloride	9.370	0.50	10	0	93.7	65	135				
Chlorobenzene	9.820	0.50	10	0	98.2	65	135				
Chloroethane	9.550	0.50	10	0	95.5	65	135				
Chloroform	9.060	0.50	10	0	90.6	65	135				
Chloromethane	9.450	0.50	10	0	94.5	65	135				
cis-1,2-Dichloroethene	10.88	0.50	10	0	109	65	135				
cis-1,3-Dichloropropene	9.130	0.50	10	0	91.3	65	135				
Cyclohexane	9.970	0.50	10	0	99.7	65	135				
Dibromochloromethane	10.03	0.50	10	0	100	65	135				
Dichlorodifluoromethane(F-12)	9.380	0.50	10	0	93.8	65	135				
Dichlorotetrafluoroethane(F-114)	9.510	0.50	10	0	95.1	65	135				
Ethyl Acetate	10.82	0.50	10	0	108	65	135				
Ethylbenzene	10.02	0.50	10	0	100	65	135				
Heptane	10.69	0.50	10	0	107	65	135				
Hexachlorobutadiene	9.760	1.0	10	0	97.6	65	135				
Hexane	9.690	0.50	10	0	96.9	65	135				
m&p-Xylene	21.27	1.0	20	0	106	65	135				
Methyl tert-butyl ether	11.73	1.0	10	0	117	65	135				
Methylene chloride	9.420	0.50	10	0	94.2	65	135				
o-Xylene	10.85	0.50	10	0	108	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	11.21	0.50	10	0	112	65	135				
Styrene	9.650	0.50	10	0	96.5	65	135				
Tetrachloroethene	10.79	0.50	10	0	108	65	135				
Tetrahydrofuran	9.380	2.0	10	0	93.8	65	135				
Toluene	10.21	0.50	10	0	102	65	135				
trans-1,2-Dichloroethene	10.90	0.50	10	0	109	65	135				
trans-1,3-Dichloropropene	9.030	0.50	10	0	90.3	65	135				
Trichloroethene	10.23	0.50	10	0	102	65	135				
Trichlorofluoromethane(F-11)	9.300	0.50	10	0	93.0	65	135				
Trichlorotrifluoroethane(F-113)	9.380	0.50	10	0	93.8	65	135				
Vinyl acetate	9.530	0.50	10	0	95.3	65	135				
Vinyl chloride	10.64	0.50	10	0	106	65	135				
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130				

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.920	0.50	10	0	89.2	65	135	9.070	1.67	25	
1,1,2,2-Tetrachloroethane	9.940	0.50	10	0	99.4	65	135	10.57	6.14	25	
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	11.00	7.06	25	
1,1-Dichloroethane	9.730	0.50	10	0	97.3	65	135	9.680	0.515	25	
1,1-Dichloroethene	10.62	0.50	10	0	106	65	135	10.55	0.661	25	
1,2,4-Trichlorobenzene	11.69	2.0	10	0	117	65	135	12.60	7.49	25	
1,2,4-Trimethylbenzene	14.58	0.50	10	0	146	65	135	15.82	8.16	25	L1

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.07	0.50	10	0	111	65	135	12.05	8.48	25	
1,2-Dichlorobenzene	11.05	0.50	10	0	110	65	135	11.86	7.07	25	
1,2-Dichloroethane	9.960	0.50	10	0	99.6	65	135	10.27	3.06	25	
1,2-Dichloropropane	10.42	0.50	10	0	104	65	135	11.20	7.22	25	
1,3,5-Trimethylbenzene	13.65	0.50	10	0	136	65	135	15.05	9.76	25	L1
1,3-Butadiene	10.81	0.50	10	0	108	65	135	10.85	0.369	25	
1,3-Dichlorobenzene	10.89	0.50	10	0	109	65	135	11.55	5.88	25	
1,4-Dichlorobenzene	11.43	0.50	10	0	114	65	135	12.20	6.52	25	
2,2,4-Trimethylpentane	10.89	0.50	10	0	109	65	135	11.75	7.60	25	
2-Butanone (MEK)	14.50	1.0	10	0	145	65	135	14.75	1.71	25	L1
2-Hexanone	13.93	1.0	10	0	139	65	135	14.73	5.58	25	L1
2-Propanol	10.71	2.0	10	0	107	65	135	9.260	14.5	25	
4-Ethyltoluene	14.04	0.50	10	0	140	65	135	14.96	6.34	25	L1
4-Methyl-2-pentanone	16.11	1.0	10	0	161	65	135	17.45	7.99	25	L1
Acetone	13.10	5.0	10	0	131	65	135	11.91	9.52	25	
Allyl chloride	10.78	0.50	10	0	108	65	135	10.55	2.16	25	
Benzene	10.83	0.50	10	0	108	65	135	10.83	0	25	
Benzyl chloride	12.83	2.0	10	0	128	65	135	13.45	4.72	25	
Bromodichloromethane	10.07	0.50	10	0	101	65	135	10.95	8.37	25	
Bromoethene(Vinyl Bromide)	9.670	0.50	10	0	96.7	65	135	9.320	3.69	25	
Bromoform	9.730	0.50	10	0	97.3	65	135	10.45	7.14	25	
Bromomethane	9.190	0.50	10	0	91.9	65	135	8.850	3.77	25	
Carbon disulfide	9.490	0.50	10	0	94.9	65	135	9.500	0.105	25	
Carbon tetrachloride	9.210	0.50	10	0	92.1	65	135	9.540	3.52	25	
Chlorobenzene	9.710	0.50	10	0	97.1	65	135	10.54	8.20	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.100	0.50	10	0	91.0	65	135	8.760	3.81	25	
Chloroform	11.04	0.50	10	0	110	65	135	11.30	2.33	25	
Chloromethane	8.960	0.50	10	0	89.6	65	135	8.740	2.49	25	
cis-1,2-Dichloroethene	10.51	0.50	10	0	105	65	135	10.70	1.79	25	
cis-1,3-Dichloropropene	12.63	0.50	10	0	126	65	135	13.34	5.47	25	
Cyclohexane	11.68	0.50	10	0	117	65	135	11.69	0.0856	25	
Dibromochloromethane	10.46	0.50	10	0	105	65	135	11.34	8.07	25	
Dichlorodifluoromethane(F-12)	11.70	0.50	10	0	117	65	135	11.86	1.36	25	
Dichlorotetrafluoroethane(F-114)	11.42	0.50	10	0	114	65	135	11.31	0.968	25	
Ethyl Acetate	13.98	0.50	10	0	140	65	135	14.20	1.56	25	L1
Ethylbenzene	12.30	0.50	10	0	123	65	135	13.29	7.74	25	
Heptane	10.97	0.50	10	0	110	65	135	11.93	8.38	25	
Hexachlorobutadiene	10.51	1.0	10	0	105	65	135	13.28	23.3	25	
Hexane	12.34	0.50	10	0	123	65	135	12.45	0.887	25	
m&p-Xylene	24.10	1.0	20	0	120	65	135	26.45	9.30	25	
Methyl tert-butyl ether	13.48	1.0	10	0	135	65	135	13.26	1.65	25	
Methylene chloride	9.270	0.50	10	0	92.7	65	135	9.350	0.859	25	
o-Xylene	12.39	0.50	10	0	124	65	135	13.56	9.02	25	
Propene (Propylene)	10.13	0.50	10	0	101	65	135	9.310	8.44	25	
Styrene	10.91	0.50	10	0	109	65	135	11.56	5.79	25	
Tetrachloroethene	10.88	0.50	10	0	109	65	135	11.84	8.45	25	
Tetrahydrofuran	10.95	2.0	10	0	110	65	135	11.01	0.546	25	
Toluene	12.58	0.50	10	0	126	65	135	13.75	8.89	25	
trans-1,2-Dichloroethene	10.38	0.50	10	0	104	65	135	10.00	3.73	25	
trans-1,3-Dichloropropene	12.60	0.50	10	0	126	65	135	13.26	5.10	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.890	0.50	10	0	98.9	65	135	10.83	9.07	25	
Trichlorofluoromethane(F-11)	11.64	0.50	10	0	116	65	135	11.81	1.45	25	
Trichlorotrifluoroethane(F-113)	9.140	0.50	10	0	91.4	65	135	9.120	0.219	25	
Vinyl acetate	11.07	0.50	10	0	111	65	135	10.96	0.999	25	
Vinyl chloride	10.04	0.50	10	0	100	65	135	9.530	5.21	25	
Surr: 4-Bromofluorobenzene	10.22	0.50	10	0	102	70	130	10.41	0	0	

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.560	0.50	10	0	95.6	65	135	9.440	1.26	25	
1,1,2,2-Tetrachloroethane	9.840	0.50	10	0	98.4	65	135	9.680	1.64	25	
1,1,2-Trichloroethane	10.04	0.50	10	0	100	65	135	10.07	0.298	25	
1,1-Dichloroethane	10.26	0.50	10	0	103	65	135	10.00	2.57	25	
1,1-Dichloroethene	11.34	0.50	10	0	113	65	135	10.89	4.05	25	
1,2,4-Trichlorobenzene	11.53	2.0	10	0	115	65	135	10.27	11.6	25	
1,2,4-Trimethylbenzene	10.19	0.50	10	0	102	65	135	10.00	1.88	25	
1,2-Dibromoethane	10.72	0.50	10	0	107	65	135	10.59	1.22	25	
1,2-Dichlorobenzene	11.21	0.50	10	0	112	65	135	10.89	2.90	25	
1,2-Dichloroethane	10.35	0.50	10	0	104	65	135	10.05	2.94	25	
1,2-Dichloropropane	10.19	0.50	10	0	102	65	135	10.27	0.782	25	
1,3,5-Trimethylbenzene	10.46	0.50	10	0	105	65	135	10.35	1.06	25	
1,3-Butadiene	11.56	0.50	10	0	116	65	135	11.26	2.63	25	
1,3-Dichlorobenzene	11.20	0.50	10	0	112	65	135	10.85	3.17	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	11.60	0.50	10	0	116	65	135	11.34	2.27	25	
2,2,4-Trimethylpentane	10.85	0.50	10	0	108	65	135	10.78	0.647	25	
2-Butanone (MEK)	11.40	1.0	10	0	114	65	135	11.12	2.49	25	
2-Hexanone	9.260	1.0	10	0	92.6	65	135	8.940	3.52	25	
2-Propanol	10.05	2.0	10	0	100	65	135	9.110	9.81	25	
4-Ethyltoluene	10.11	0.50	10	0	101	65	135	9.940	1.70	25	
4-Methyl-2-pentanone	9.680	1.0	10	0	96.8	65	135	9.630	0.518	25	
Acetone	10.68	5.0	10	0	107	65	135	10.19	4.70	25	
Allyl chloride	12.14	0.50	10	0	121	65	135	11.23	7.79	25	
Benzene	11.41	0.50	10	0	114	65	135	11.14	2.39	25	
Benzyl chloride	11.01	2.0	10	0	110	65	135	10.23	7.34	25	
Bromodichloromethane	9.910	0.50	10	0	99.1	65	135	9.770	1.42	25	
Bromoethene(Vinyl Bromide)	10.53	0.50	10	0	105	65	135	9.910	6.07	25	
Bromoform	9.880	0.50	10	0	98.8	65	135	9.830	0.507	25	
Bromomethane	9.900	0.50	10	0	99.0	65	135	9.450	4.65	25	
Carbon disulfide	9.980	0.50	10	0	99.8	65	135	9.850	1.31	25	
Carbon tetrachloride	9.460	0.50	10	0	94.6	65	135	9.370	0.956	25	
Chlorobenzene	9.850	0.50	10	0	98.5	65	135	9.820	0.305	25	
Chloroethane	9.890	0.50	10	0	98.9	65	135	9.550	3.50	25	
Chloroform	9.220	0.50	10	0	92.2	65	135	9.060	1.75	25	
Chloromethane	9.680	0.50	10	0	96.8	65	135	9.450	2.40	25	
cis-1,2-Dichloroethene	11.41	0.50	10	0	114	65	135	10.88	4.76	25	
cis-1,3-Dichloropropene	9.300	0.50	10	0	93.0	65	135	9.130	1.84	25	
Cyclohexane	10.14	0.50	10	0	101	65	135	9.970	1.69	25	
Dibromochloromethane	10.14	0.50	10	0	101	65	135	10.03	1.09	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *01-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070020
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	9.540	0.50	10	0	95.4	65	135	9.380	1.69	25	
Dichlorotetrafluoroethane(F-114)	9.700	0.50	10	0	97.0	65	135	9.510	1.98	25	
Ethyl Acetate	11.41	0.50	10	0	114	65	135	10.82	5.31	25	
Ethylbenzene	10.13	0.50	10	0	101	65	135	10.02	1.09	25	
Heptane	10.67	0.50	10	0	107	65	135	10.69	0.187	25	
Hexachlorobutadiene	10.12	1.0	10	0	101	65	135	9.760	3.62	25	
Hexane	10.01	0.50	10	0	100	65	135	9.690	3.25	25	
m&p-Xylene	21.58	1.0	20	0	108	65	135	21.27	1.45	25	
Methyl tert-butyl ether	12.08	1.0	10	0	121	65	135	11.73	2.94	25	
Methylene chloride	9.590	0.50	10	0	95.9	65	135	9.420	1.79	25	
o-Xylene	10.83	0.50	10	0	108	65	135	10.85	0.185	25	
Propene (Propylene)	11.97	0.50	10	0	120	65	135	11.21	6.56	25	
Styrene	9.760	0.50	10	0	97.6	65	135	9.650	1.13	25	
Tetrachloroethene	10.87	0.50	10	0	109	65	135	10.79	0.739	25	
Tetrahydrofuran	9.590	2.0	10	0	95.9	65	135	9.380	2.21	25	
Toluene	10.26	0.50	10	0	103	65	135	10.21	0.489	25	
trans-1,2-Dichloroethene	11.51	0.50	10	0	115	65	135	10.90	5.44	25	
trans-1,3-Dichloropropene	9.110	0.50	10	0	91.1	65	135	9.030	0.882	25	
Trichloroethene	10.28	0.50	10	0	103	65	135	10.23	0.488	25	
Trichlorofluoromethane(F-11)	9.440	0.50	10	0	94.4	65	135	9.300	1.49	25	
Trichlorotrifluoroethane(F-113)	9.650	0.50	10	0	96.5	65	135	9.380	2.84	25	
Vinyl acetate	9.950	0.50	10	0	99.5	65	135	9.530	4.31	25	
Vinyl chloride	11.16	0.50	10	0	112	65	135	10.64	4.77	25	
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130	9.980	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

07-08-0020

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Phoenix
4645 E. Cotton Center Blvd, Bldg 3, Ste 189
Phoenix, AZ 85040
Phone 602.437.3340 Fax 602.454.9303

Client Contact Information

Company: Shaw Environmental
Address:
City/State/Zip
Phone:
FAX:
Project Name:
Site:
PO #

Project Manager: Doug Hulmes
Phone: 480-213-9722
Email: doug.hulmes@shawgroup.com
Site Contact: D. Hulmes
LAB Contact: corey

Analysis Turnaround Time
Standard (Specify)_____
Rush (Specify)_____

Samples Collected By: D. Hulmes

Page 1 of 1 COCs

	Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Model (Liters)	Flow Controller ID	Canister ID	TO-15 (Full or IAQ)	TO-14A	TO-3	EPA 25C	ASTM D-1946 (Fixed Gases)	Other (Please specify in notes section)	Sample Type	Indoor Air (IAQ)	Ambient Air	Soil Gas	~~Landfill Gas~~ 8260B	Other (Please specify in notes section)
1	AS-1-70'	7/23/08	1532	1534	0.4, 1.0, 6.0		1679	X											
	SAS-1-70'		N/A	Soil 1535	0.4, 1.0, 6.0		Soil											X	
	SAS-1-75'	7/24/08	N/A	0700	0.4, 1.0, 6.0		Soil											X	
2	AS-1-75'	7/24/08	0722	0724	0.4, 1.0, 6.0		0309	X											
3	AS-1-85'	7/24/08	0750	0752	0.4, 1.0, 6.0		1244	X											
	SAS-1-85'	7/24/08	0750	N/A Soil	0.4, 1.0, 6.0		Soil											X	
	SAS-1-90'	7/24/08	0830	N/A Soil	0.4, 1.0, 6.0		Soil												
4	AS-1-90'	7/24/08	0825	0829	0.4, 1.0, 6.0		1662	X											
					0.4, 1.0, 6.0														
					0.4, 1.0, 6.0														
					0.4, 1.0, 6.0														
					0.4, 1.0, 6.0														

extract & hold

Special Instructions/QC Requirements & Comments:
Pls email all results

Samples Shipped by:	Date/Time: 7/24/08 10:10	Samples Received by:
Samples Relinquished by:	Date/Time: 7/24/08 1031	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TAL-0042 (02/08)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Tuesday, August 05, 2008

Douglas G. Hulmes, G.I.T
Shaw Environmental & Infrastructure, Inc.
15455 N. Greenway-Hayden Loop, Suite C-15
Scottsdale, AZ 85260

TEL: (480) 998-6628
FAX: (480) 998-2620
RE: 24th St./Thomas

AMENDED REPORT

Order No.: 08070019

Dear Douglas G. Hulmes, G.I.T:

A revised report was issued to correct the sample identifier for sample number 01. The identifier was misinterpreted by the sample receiving personnel. Please replace the original report with the enclosed amended report.

Aerotech Environmental Laboratories received 7 sample(s) on 7/23/2008 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.

- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.

- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Corey Schrader
Project Manager

TestAmerica Laboratories, Inc. **Date:** *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Project: 24th St/Thomas
Lab Order: 08070019

CASE NARRATIVE

D2 Sample required dilution due to high concentration of target analyte.

E Value above quantitation range.

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

L1 The associated blank spike recovery was above laboratory acceptance limits.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-10'
Lab Order:	08070019	**Tag Number:**	1669
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 9:12:00 AM
Lab ID:	08070019-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-10'
Lab Order:	08070019	**Tag Number:**	1669
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 9:12:00 AM
Lab ID:	08070019-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	140000	2000	D2	ppbv	4000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	97.4	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-20'
Lab Order:	08070019	**Tag Number:**	0195
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 9:35:00 AM
Lab ID:	08070019-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-20'
Lab Order:	08070019	**Tag Number:**	0195
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 9:35:00 AM
Lab ID:	08070019-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	66000	2000	D2	ppbv	4000	7/31/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	95.3	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-30'
Lab Order:	08070019	**Tag Number:**	0237
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 10:10:00 AM
Lab ID:	08070019-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-30'
Lab Order:	08070019	**Tag Number:**	0237
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 10:10:00 AM
Lab ID:	08070019-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	34000	1000	D2	ppbv	2000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	97.9	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-40'
Lab Order:	08070019	**Tag Number:**	1625
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 12:40:00 PM
Lab ID:	08070019-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-40'
Lab Order:	08070019	**Tag Number:**	1625
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 12:40:00 PM
Lab ID:	08070019-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	800000	10000	D2	ppbv	20000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	94.9	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-50'
Lab Order:	08070019	**Tag Number:**	1615
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:40:00 PM
Lab ID:	08070019-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-50'
Lab Order:	08070019	**Tag Number:**	1615
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:40:00 PM
Lab ID:	08070019-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: J.J.
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	2000000	50000	D2	ppbv	100000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	93.5	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-51'
Lab Order:	08070019	**Tag Number:**	1274
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:44:00 PM
Lab ID:	08070019-06A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	< 10000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-51'
Lab Order:	08070019	**Tag Number:**	1274
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 1:44:00 PM
Lab ID:	08070019-06A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1100000	50000	D2	ppbv	100000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	94.3	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-60'
Lab Order:	08070019	**Tag Number:**	1439
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 2:44:00 PM
Lab ID:	08070019-07A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: J.J.
1,1,1-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2,2-Tetrachloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1,2-Trichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,1-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
1,2,4-Trichlorobenzene	< 4000	4000		ppbv	2000	7/24/2008
1,2,4-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,2-Dibromoethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloroethane	< 1000	1000		ppbv	2000	7/24/2008
1,2-Dichloropropane	< 1000	1000		ppbv	2000	7/24/2008
1,3,5-Trimethylbenzene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
1,3-Butadiene	< 1000	1000		ppbv	2000	7/24/2008
1,3-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
1,4-Dichlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
2,2,4-Trimethylpentane	< 1000	1000		ppbv	2000	7/24/2008
2-Butanone (MEK)	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Hexanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
2-Propanol	< 4000	4000		ppbv	2000	7/24/2008
4-Ethyltoluene	< 1000	1000	V1L1	ppbv	2000	7/24/2008
4-Methyl-2-pentanone	< 2000	2000	V1L1	ppbv	2000	7/24/2008
Acetone	14000	10000		ppbv	2000	7/24/2008
Allyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Benzene	< 1000	1000		ppbv	2000	7/24/2008
Benzyl chloride	< 4000	4000	V1	ppbv	2000	7/24/2008
Bromodichloromethane	< 1000	1000		ppbv	2000	7/24/2008
Bromoethene(Vinyl Bromide)	< 1000	1000		ppbv	2000	7/24/2008
Bromoform	< 1000	1000		ppbv	2000	7/24/2008
Bromomethane	< 1000	1000		ppbv	2000	7/24/2008
Carbon disulfide	< 1000	1000		ppbv	2000	7/24/2008
Carbon tetrachloride	< 1000	1000		ppbv	2000	7/24/2008
Chlorobenzene	< 1000	1000		ppbv	2000	7/24/2008
Chloroethane	< 1000	1000		ppbv	2000	7/24/2008
Chloroform	< 1000	1000		ppbv	2000	7/24/2008
Chloromethane	< 1000	1000		ppbv	2000	7/24/2008
cis-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
cis-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

TestAmerica Laboratories, Inc.

Analytical Report

Date: *05-Aug-08*

CLIENT:	Shaw Environmental & Infastructure, Inc.	**Client Sample ID:**	AS-1-60'
Lab Order:	08070019	**Tag Number:**	1439
Project:	24th St/Thomas	**Collection Date:**	7/23/2008 2:44:00 PM
Lab ID:	08070019-07A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: J.J.
Cyclohexane	< 1000	1000		ppbv	2000	7/24/2008
Dibromochloromethane	< 1000	1000		ppbv	2000	7/24/2008
Dichlorodifluoromethane(F-12)	< 1000	1000		ppbv	2000	7/24/2008
Dichlorotetrafluoroethane(F-114)	< 1000	1000		ppbv	2000	7/24/2008
Ethyl Acetate	< 1000	1000	V1L1	ppbv	2000	7/24/2008
Ethylbenzene	< 1000	1000	V1	ppbv	2000	7/24/2008
Heptane	< 1000	1000		ppbv	2000	7/24/2008
Hexachlorobutadiene	< 2000	2000	V1	ppbv	2000	7/24/2008
Hexane	< 1000	1000		ppbv	2000	7/24/2008
m&p-Xylene	< 2000	2000	L1V1	ppbv	2000	7/24/2008
Methyl tert-butyl ether	< 2000	2000	V1	ppbv	2000	7/24/2008
Methylene chloride	< 1000	1000		ppbv	2000	7/24/2008
o-Xylene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
Propene (Propylene)	< 1000	1000		ppbv	2000	7/24/2008
Styrene	< 1000	1000		ppbv	2000	7/24/2008
Tetrachloroethene	1100000	50000	D2	ppbv	100000	7/24/2008
Tetrahydrofuran	< 4000	4000		ppbv	2000	7/24/2008
Toluene	< 1000	1000	L1V1	ppbv	2000	7/24/2008
trans-1,2-Dichloroethene	< 1000	1000		ppbv	2000	7/24/2008
trans-1,3-Dichloropropene	< 1000	1000	V1	ppbv	2000	7/24/2008
Trichloroethene	< 1000	1000		ppbv	2000	7/24/2008
Trichlorofluoromethane(F-11)	< 1000	1000		ppbv	2000	7/24/2008
Trichlorotrifluoroethane(F-113)	< 1000	1000		ppbv	2000	7/24/2008
Vinyl acetate	< 1000	1000		ppbv	2000	7/24/2008
Vinyl chloride	< 1000	1000		ppbv	2000	7/24/2008
Surr: 4-Bromofluorobenzene	93.1	70-130		%REC	2000	7/24/2008

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94215** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	10.34	0.50	10	0	103	70	130				

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R94217** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.890	0.50	10	0	98.9	70	130				

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.070	0.50	10	0	90.7	65	135				
1,1,2,2-Tetrachloroethane	10.57	0.50	10	0	106	65	135				
1,1,2-Trichloroethane	11.00	0.50	10	0	110	65	135				
1,1-Dichloroethane	9.680	0.50	10	0	96.8	65	135				
1,1-Dichloroethene	10.55	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	12.60	2.0	10	0	126	65	135				
1,2,4-Trimethylbenzene	15.82	0.50	10	0	158	65	135				L1V1
1,2-Dibromoethane	12.05	0.50	10	0	120	65	135				
1,2-Dichlorobenzene	11.86	0.50	10	0	119	65	135				
1,2-Dichloroethane	10.27	0.50	10	0	103	65	135				
1,2-Dichloropropane	11.20	0.50	10	0	112	65	135				
1,3,5-Trimethylbenzene	15.05	0.50	10	0	150	65	135				L1V1
1,3-Butadiene	10.85	0.50	10	0	108	65	135				
1,3-Dichlorobenzene	11.55	0.50	10	0	116	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	12.20	0.50	10	0	122	65	135				
2,2,4-Trimethylpentane	11.75	0.50	10	0	118	65	135				
2-Butanone (MEK)	14.75	1.0	10	0	148	65	135				L1V1
2-Hexanone	14.73	1.0	10	0	147	65	135				L1V1
2-Propanol	9.260	2.0	10	0	92.6	65	135				
4-Ethyltoluene	14.96	0.50	10	0	150	65	135				L1V1
4-Methyl-2-pentanone	17.45	1.0	10	0	174	65	135				L1V1
Acetone	11.91	5.0	10	0	119	65	135				
Allyl chloride	10.55	0.50	10	0	106	65	135				
Benzene	10.83	0.50	10	0	108	65	135				
Benzyl chloride	13.45	2.0	10	0	135	65	135				V1
Bromodichloromethane	10.95	0.50	10	0	110	65	135				
Bromoethene(Vinyl Bromide)	9.320	0.50	10	0	93.2	65	135				
Bromoform	10.45	0.50	10	0	104	65	135				
Bromomethane	8.850	0.50	10	0	88.5	65	135				
Carbon disulfide	9.500	0.50	10	0	95.0	65	135				
Carbon tetrachloride	9.540	0.50	10	0	95.4	65	135				
Chlorobenzene	10.54	0.50	10	0	105	65	135				
Chloroethane	8.760	0.50	10	0	87.6	65	135				
Chloroform	11.30	0.50	10	0	113	65	135				
Chloromethane	8.740	0.50	10	0	87.4	65	135				
cis-1,2-Dichloroethene	10.70	0.50	10	0	107	65	135				
cis-1,3-Dichloropropene	13.34	0.50	10	0	133	65	135				V1
Cyclohexane	11.69	0.50	10	0	117	65	135				
Dibromochloromethane	11.34	0.50	10	0	113	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94215** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	11.86	0.50	10	0	119	65	135				
Dichlorotetrafluoroethane(F-114)	11.31	0.50	10	0	113	65	135				
Ethyl Acetate	14.20	0.50	10	0	142	65	135				L1V1
Ethylbenzene	13.29	0.50	10	0	133	65	135				V1
Heptane	11.93	0.50	10	0	119	65	135				
Hexachlorobutadiene	13.28	1.0	10	0	133	65	135				V1
Hexane	12.45	0.50	10	0	125	65	135				
m&p-Xylene	26.45	1.0	20	0	132	65	135				L1V1
Methyl tert-butyl ether	13.26	1.0	10	0	133	65	135				V1
Methylene chloride	9.350	0.50	10	0	93.5	65	135				
o-Xylene	13.56	0.50	10	0	136	65	135				L1V1
Propene (Propylene)	9.310	0.50	10	0	93.1	65	135				
Styrene	11.56	0.50	10	0	116	65	135				
Tetrachloroethene	11.84	0.50	10	0	118	65	135				
Tetrahydrofuran	11.01	2.0	10	0	110	65	135				
Toluene	13.75	0.50	10	0	138	65	135				L1V1
trans-1,2-Dichloroethene	10.00	0.50	10	0	100	65	135				
trans-1,3-Dichloropropene	13.26	0.50	10	0	133	65	135				V1
Trichloroethene	10.83	0.50	10	0	108	65	135				
Trichlorofluoromethane(F-11)	11.81	0.50	10	0	118	65	135				
Trichlorotrifluoroethane(F-113)	9.120	0.50	10	0	91.2	65	135				
Vinyl acetate	10.96	0.50	10	0	110	65	135				
Vinyl chloride	9.530	0.50	10	0	95.3	65	135				
Surr: 4-Bromofluorobenzene	10.41	0.50	10	0	104	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.440	0.50	10	0	94.4	65	135				
1,1,2,2-Tetrachloroethane	9.680	0.50	10	0	96.8	65	135				
1,1,2-Trichloroethane	10.07	0.50	10	0	101	65	135				
1,1-Dichloroethane	10.00	0.50	10	0	100	65	135				
1,1-Dichloroethene	10.89	0.50	10	0	109	65	135				
1,2,4-Trichlorobenzene	10.27	2.0	10	0	103	65	135				
1,2,4-Trimethylbenzene	10.00	0.50	10	0	100	65	135				
1,2-Dibromoethane	10.59	0.50	10	0	106	65	135				
1,2-Dichlorobenzene	10.89	0.50	10	0	109	65	135				
1,2-Dichloroethane	10.05	0.50	10	0	100	65	135				
1,2-Dichloropropane	10.27	0.50	10	0	103	65	135				
1,3,5-Trimethylbenzene	10.35	0.50	10	0	104	65	135				
1,3-Butadiene	11.26	0.50	10	0	113	65	135				
1,3-Dichlorobenzene	10.85	0.50	10	0	108	65	135				
1,4-Dichlorobenzene	11.34	0.50	10	0	113	65	135				
2,2,4-Trimethylpentane	10.78	0.50	10	0	108	65	135				
2-Butanone (MEK)	11.12	1.0	10	0	111	65	135				
2-Hexanone	8.940	1.0	10	0	89.4	65	135				
2-Propanol	9.110	2.0	10	0	91.1	65	135				
4-Ethyltoluene	9.940	0.50	10	0	99.4	65	135				
4-Methyl-2-pentanone	9.630	1.0	10	0	96.3	65	135				
Acetone	10.19	5.0	10	0	102	65	135				
Allyl chloride	11.23	0.50	10	0	112	65	135				
Benzene	11.14	0.50	10	0	111	65	135				
Benzyl chloride	10.23	2.0	10	0	102	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	9.770	0.50	10	0	97.7	65	135				
Bromoethene(Vinyl Bromide)	9.910	0.50	10	0	99.1	65	135				
Bromoform	9.830	0.50	10	0	98.3	65	135				
Bromomethane	9.450	0.50	10	0	94.5	65	135				
Carbon disulfide	9.850	0.50	10	0	98.5	65	135				
Carbon tetrachloride	9.370	0.50	10	0	93.7	65	135				
Chlorobenzene	9.820	0.50	10	0	98.2	65	135				
Chloroethane	9.550	0.50	10	0	95.5	65	135				
Chloroform	9.060	0.50	10	0	90.6	65	135				
Chloromethane	9.450	0.50	10	0	94.5	65	135				
cis-1,2-Dichloroethene	10.88	0.50	10	0	109	65	135				
cis-1,3-Dichloropropene	9.130	0.50	10	0	91.3	65	135				
Cyclohexane	9.970	0.50	10	0	99.7	65	135				
Dibromochloromethane	10.03	0.50	10	0	100	65	135				
Dichlorodifluoromethane(F-12)	9.380	0.50	10	0	93.8	65	135				
Dichlorotetrafluoroethane(F-114)	9.510	0.50	10	0	95.1	65	135				
Ethyl Acetate	10.82	0.50	10	0	108	65	135				
Ethylbenzene	10.02	0.50	10	0	100	65	135				
Heptane	10.69	0.50	10	0	107	65	135				
Hexachlorobutadiene	9.760	1.0	10	0	97.6	65	135				
Hexane	9.690	0.50	10	0	96.9	65	135				
m&p-Xylene	21.27	1.0	20	0	106	65	135				
Methyl tert-butyl ether	11.73	1.0	10	0	117	65	135				
Methylene chloride	9.420	0.50	10	0	94.2	65	135				
o-Xylene	10.85	0.50	10	0	108	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R94217** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	11.21	0.50	10	0	112	65	135				
Styrene	9.650	0.50	10	0	96.5	65	135				
Tetrachloroethene	10.79	0.50	10	0	108	65	135				
Tetrahydrofuran	9.380	2.0	10	0	93.8	65	135				
Toluene	10.21	0.50	10	0	102	65	135				
trans-1,2-Dichloroethene	10.90	0.50	10	0	109	65	135				
trans-1,3-Dichloropropene	9.030	0.50	10	0	90.3	65	135				
Trichloroethene	10.23	0.50	10	0	102	65	135				
Trichlorofluoromethane(F-11)	9.300	0.50	10	0	93.0	65	135				
Trichlorotrifluoroethane(F-113)	9.380	0.50	10	0	93.8	65	135				
Vinyl acetate	9.530	0.50	10	0	95.3	65	135				
Vinyl chloride	10.64	0.50	10	0	106	65	135				
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130				

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.920	0.50	10	0	89.2	65	135	9.070	1.67	25	
1,1,2,2-Tetrachloroethane	9.940	0.50	10	0	99.4	65	135	10.57	6.14	25	
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	11.00	7.06	25	
1,1-Dichloroethane	9.730	0.50	10	0	97.3	65	135	9.680	0.515	25	
1,1-Dichloroethene	10.62	0.50	10	0	106	65	135	10.55	0.661	25	
1,2,4-Trichlorobenzene	11.69	2.0	10	0	117	65	135	12.60	7.49	25	
1,2,4-Trimethylbenzene	14.58	0.50	10	0	146	65	135	15.82	8.16	25	L1

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.07	0.50	10	0	111	65	135	12.05	8.48	25	
1,2-Dichlorobenzene	11.05	0.50	10	0	110	65	135	11.86	7.07	25	
1,2-Dichloroethane	9.960	0.50	10	0	99.6	65	135	10.27	3.06	25	
1,2-Dichloropropane	10.42	0.50	10	0	104	65	135	11.20	7.22	25	
1,3,5-Trimethylbenzene	13.65	0.50	10	0	136	65	135	15.05	9.76	25	L1
1,3-Butadiene	10.81	0.50	10	0	108	65	135	10.85	0.369	25	
1,3-Dichlorobenzene	10.89	0.50	10	0	109	65	135	11.55	5.88	25	
1,4-Dichlorobenzene	11.43	0.50	10	0	114	65	135	12.20	6.52	25	
2,2,4-Trimethylpentane	10.89	0.50	10	0	109	65	135	11.75	7.60	25	
2-Butanone (MEK)	14.50	1.0	10	0	145	65	135	14.75	1.71	25	L1
2-Hexanone	13.93	1.0	10	0	139	65	135	14.73	5.58	25	L1
2-Propanol	10.71	2.0	10	0	107	65	135	9.260	14.5	25	
4-Ethyltoluene	14.04	0.50	10	0	140	65	135	14.96	6.34	25	L1
4-Methyl-2-pentanone	16.11	1.0	10	0	161	65	135	17.45	7.99	25	L1
Acetone	13.10	5.0	10	0	131	65	135	11.91	9.52	25	
Allyl chloride	10.78	0.50	10	0	108	65	135	10.55	2.16	25	
Benzene	10.83	0.50	10	0	108	65	135	10.83	0	25	
Benzyl chloride	12.83	2.0	10	0	128	65	135	13.45	4.72	25	
Bromodichloromethane	10.07	0.50	10	0	101	65	135	10.95	8.37	25	
Bromoethene(Vinyl Bromide)	9.670	0.50	10	0	96.7	65	135	9.320	3.69	25	
Bromoform	9.730	0.50	10	0	97.3	65	135	10.45	7.14	25	
Bromomethane	9.190	0.50	10	0	91.9	65	135	8.850	3.77	25	
Carbon disulfide	9.490	0.50	10	0	94.9	65	135	9.500	0.105	25	
Carbon tetrachloride	9.210	0.50	10	0	92.1	65	135	9.540	3.52	25	
Chlorobenzene	9.710	0.50	10	0	97.1	65	135	10.54	8.20	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.100	0.50	10	0	91.0	65	135	8.760	3.81	25	
Chloroform	11.04	0.50	10	0	110	65	135	11.30	2.33	25	
Chloromethane	8.960	0.50	10	0	89.6	65	135	8.740	2.49	25	
cis-1,2-Dichloroethene	10.51	0.50	10	0	105	65	135	10.70	1.79	25	
cis-1,3-Dichloropropene	12.63	0.50	10	0	126	65	135	13.34	5.47	25	
Cyclohexane	11.68	0.50	10	0	117	65	135	11.69	0.0856	25	
Dibromochloromethane	10.46	0.50	10	0	105	65	135	11.34	8.07	25	
Dichlorodifluoromethane(F-12)	11.70	0.50	10	0	117	65	135	11.86	1.36	25	
Dichlorotetrafluoroethane(F-114)	11.42	0.50	10	0	114	65	135	11.31	0.968	25	
Ethyl Acetate	13.98	0.50	10	0	140	65	135	14.20	1.56	25	L1
Ethylbenzene	12.30	0.50	10	0	123	65	135	13.29	7.74	25	
Heptane	10.97	0.50	10	0	110	65	135	11.93	8.38	25	
Hexachlorobutadiene	10.51	1.0	10	0	105	65	135	13.28	23.3	25	
Hexane	12.34	0.50	10	0	123	65	135	12.45	0.887	25	
m&p-Xylene	24.10	1.0	20	0	120	65	135	26.45	9.30	25	
Methyl tert-butyl ether	13.48	1.0	10	0	135	65	135	13.26	1.65	25	
Methylene chloride	9.270	0.50	10	0	92.7	65	135	9.350	0.859	25	
o-Xylene	12.39	0.50	10	0	124	65	135	13.56	9.02	25	
Propene (Propylene)	10.13	0.50	10	0	101	65	135	9.310	8.44	25	
Styrene	10.91	0.50	10	0	109	65	135	11.56	5.79	25	
Tetrachloroethene	10.88	0.50	10	0	109	65	135	11.84	8.45	25	
Tetrahydrofuran	10.95	2.0	10	0	110	65	135	11.01	0.546	25	
Toluene	12.58	0.50	10	0	126	65	135	13.75	8.89	25	
trans-1,2-Dichloroethene	10.38	0.50	10	0	104	65	135	10.00	3.73	25	
trans-1,3-Dichloropropene	12.60	0.50	10	0	126	65	135	13.26	5.10	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94215** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94215**
Client ID: Batch ID: **R94215** TestNo: **TO15** Analysis Date: **7/24/2008** SeqNo: **1114622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.890	0.50	10	0	98.9	65	135	10.83	9.07	25	
Trichlorofluoromethane(F-11)	11.64	0.50	10	0	116	65	135	11.81	1.45	25	
Trichlorotrifluoroethane(F-113)	9.140	0.50	10	0	91.4	65	135	9.120	0.219	25	
Vinyl acetate	11.07	0.50	10	0	111	65	135	10.96	0.999	25	
Vinyl chloride	10.04	0.50	10	0	100	65	135	9.530	5.21	25	
Surr: 4-Bromofluorobenzene	10.22	0.50	10	0	102	70	130	10.41	0	0	

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.560	0.50	10	0	95.6	65	135	9.440	1.26	25	
1,1,2,2-Tetrachloroethane	9.840	0.50	10	0	98.4	65	135	9.680	1.64	25	
1,1,2-Trichloroethane	10.04	0.50	10	0	100	65	135	10.07	0.298	25	
1,1-Dichloroethane	10.26	0.50	10	0	103	65	135	10.00	2.57	25	
1,1-Dichloroethene	11.34	0.50	10	0	113	65	135	10.89	4.05	25	
1,2,4-Trichlorobenzene	11.53	2.0	10	0	115	65	135	10.27	11.6	25	
1,2,4-Trimethylbenzene	10.19	0.50	10	0	102	65	135	10.00	1.88	25	
1,2-Dibromoethane	10.72	0.50	10	0	107	65	135	10.59	1.22	25	
1,2-Dichlorobenzene	11.21	0.50	10	0	112	65	135	10.89	2.90	25	
1,2-Dichloroethane	10.35	0.50	10	0	104	65	135	10.05	2.94	25	
1,2-Dichloropropane	10.19	0.50	10	0	102	65	135	10.27	0.782	25	
1,3,5-Trimethylbenzene	10.46	0.50	10	0	105	65	135	10.35	1.06	25	
1,3-Butadiene	11.56	0.50	10	0	116	65	135	11.26	2.63	25	
1,3-Dichlorobenzene	11.20	0.50	10	0	112	65	135	10.85	3.17	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	11.60	0.50	10	0	116	65	135	11.34	2.27	25	
2,2,4-Trimethylpentane	10.85	0.50	10	0	108	65	135	10.78	0.647	25	
2-Butanone (MEK)	11.40	1.0	10	0	114	65	135	11.12	2.49	25	
2-Hexanone	9.260	1.0	10	0	92.6	65	135	8.940	3.52	25	
2-Propanol	10.05	2.0	10	0	100	65	135	9.110	9.81	25	
4-Ethyltoluene	10.11	0.50	10	0	101	65	135	9.940	1.70	25	
4-Methyl-2-pentanone	9.680	1.0	10	0	96.8	65	135	9.630	0.518	25	
Acetone	10.68	5.0	10	0	107	65	135	10.19	4.70	25	
Allyl chloride	12.14	0.50	10	0	121	65	135	11.23	7.79	25	
Benzene	11.41	0.50	10	0	114	65	135	11.14	2.39	25	
Benzyl chloride	11.01	2.0	10	0	110	65	135	10.23	7.34	25	
Bromodichloromethane	9.910	0.50	10	0	99.1	65	135	9.770	1.42	25	
Bromoethene(Vinyl Bromide)	10.53	0.50	10	0	105	65	135	9.910	6.07	25	
Bromoform	9.880	0.50	10	0	98.8	65	135	9.830	0.507	25	
Bromomethane	9.900	0.50	10	0	99.0	65	135	9.450	4.65	25	
Carbon disulfide	9.980	0.50	10	0	99.8	65	135	9.850	1.31	25	
Carbon tetrachloride	9.460	0.50	10	0	94.6	65	135	9.370	0.956	25	
Chlorobenzene	9.850	0.50	10	0	98.5	65	135	9.820	0.305	25	
Chloroethane	9.890	0.50	10	0	98.9	65	135	9.550	3.50	25	
Chloroform	9.220	0.50	10	0	92.2	65	135	9.060	1.75	25	
Chloromethane	9.680	0.50	10	0	96.8	65	135	9.450	2.40	25	
cis-1,2-Dichloroethene	11.41	0.50	10	0	114	65	135	10.88	4.76	25	
cis-1,3-Dichloropropene	9.300	0.50	10	0	93.0	65	135	9.130	1.84	25	
Cyclohexane	10.14	0.50	10	0	101	65	135	9.970	1.69	25	
Dibromochloromethane	10.14	0.50	10	0	101	65	135	10.03	1.09	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *05-Aug-08*

CLIENT: Shaw Environmental & Infastructure, Inc.
Work Order: 08070019
Project: 24th St/Thomas

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R94217** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **94217**
Client ID: Batch ID: **R94217** TestNo: **TO15** Analysis Date: **7/31/2008** SeqNo: **1114647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	9.540	0.50	10	0	95.4	65	135	9.380	1.69	25	
Dichlorotetrafluoroethane(F-114)	9.700	0.50	10	0	97.0	65	135	9.510	1.98	25	
Ethyl Acetate	11.41	0.50	10	0	114	65	135	10.82	5.31	25	
Ethylbenzene	10.13	0.50	10	0	101	65	135	10.02	1.09	25	
Heptane	10.67	0.50	10	0	107	65	135	10.69	0.187	25	
Hexachlorobutadiene	10.12	1.0	10	0	101	65	135	9.760	3.62	25	
Hexane	10.01	0.50	10	0	100	65	135	9.690	3.25	25	
m&p-Xylene	21.58	1.0	20	0	108	65	135	21.27	1.45	25	
Methyl tert-butyl ether	12.08	1.0	10	0	121	65	135	11.73	2.94	25	
Methylene chloride	9.590	0.50	10	0	95.9	65	135	9.420	1.79	25	
o-Xylene	10.83	0.50	10	0	108	65	135	10.85	0.185	25	
Propene (Propylene)	11.97	0.50	10	0	120	65	135	11.21	6.56	25	
Styrene	9.760	0.50	10	0	97.6	65	135	9.650	1.13	25	
Tetrachloroethene	10.87	0.50	10	0	109	65	135	10.79	0.739	25	
Tetrahydrofuran	9.590	2.0	10	0	95.9	65	135	9.380	2.21	25	
Toluene	10.26	0.50	10	0	103	65	135	10.21	0.489	25	
trans-1,2-Dichloroethene	11.51	0.50	10	0	115	65	135	10.90	5.44	25	
trans-1,3-Dichloropropene	9.110	0.50	10	0	91.1	65	135	9.030	0.882	25	
Trichloroethene	10.28	0.50	10	0	103	65	135	10.23	0.488	25	
Trichlorofluoromethane(F-11)	9.440	0.50	10	0	94.4	65	135	9.300	1.49	25	
Trichlorotrifluoroethane(F-113)	9.650	0.50	10	0	96.5	65	135	9.380	2.84	25	
Vinyl acetate	9.950	0.50	10	0	99.5	65	135	9.530	4.31	25	
Vinyl chloride	11.16	0.50	10	0	112	65	135	10.64	4.77	25	
Surr: 4-Bromofluorobenzene	9.980	0.50	10	0	99.8	70	130	9.980	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Phoenix
4645 E. Cotton Center Blvd, Bldg 3, Ste 189
Phoenix, AZ 85040
Phone 602.437.3340 Fax 602.454.9303

Client Contact Information

Company: Shaw ENV.
Address: 4039 E. Wildcat Dr
City/State/Zip: Cave Creek, AZ 85331
Phone: 480-213-9722
FAX:
Project Name: 24th St/Thomas
Site:
PO #

Project Manager: Doug Hulmes
Phone: 480-213-9722
Email: doug.hulmes@shawgrp.com
Site Contact: Doug Hulmes
LAB Contact: Corey

Analysis Turnaround Time
Standard (Specify) X
Rush (Specify)

Page 1 of 1 COCs

Samples Collected By: DGH

	Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Model (Liters)	Flow Controller ID	Canister ID	TO-15 (Full or IAQ)	TO-14A	TO-3	EPA 25C	ASTM D-1946 (Fixed Gases)	Other (Please specify in notes section)	Sample Type	Indoor Air (IAQ)	Ambient Air	Soil Gas	~~Landfill Gas~~ 8260B-SIM	Other (Please specify in notes section)
	S AS-1-10' (Soil)	7/23/08	0910		0.4, 1.0, 6.0	N/A	Soil											X - run	
	S AS-1-20' (Soil)	7/23/08	0940		0.4, 1.0, 6.0	N/A	Soil		← extract + hold									→ X	
	S AS-1-40'	7/23/08	1105		0.4, 1.0, 6.0	N/A	Soil		← extract + hold									→	
1	AS-1-10'		0910	0912	0.4, 1.0, 6.0		1669	X											
2	AS-1-20'		0933	0935	0.4, 1.0, 6.0		0195	X											
3	AS-1-30'		1008	1010	0.4, 1.0, 6.0		0239	X											
4	AS-1-40'	7/23/08	~~1008~~	~~1010~~	0.4, 1.0, 6.0		~~0239~~ 1623	X											
5	AS-1-50'		1238 1338	1240 1340	0.4, 1.0, 6.0		1615	X											
6	AS-1-51'		1342	1344	0.4, 1.0, 6.0		1274	X											
7	AS-1-60'	7/23/08	1442	1444	0.4, 1.0, 6.0		1439	X											
	S AS-1-60'	7/23/08		1445	0.4, 1.0, 6.0	N/A	Soil		← extract + hold									X - run	
					0.4, 1.0, 6.0														

Special Instructions/QC Requirements & Comments: please email results to doug.hulmes@shawgrp.com
Call for address for invoice

Samples Shipped by:	Date/Time: 7/23/08 / 1520	Samples Received by:
Samples Relinquished by:	Date/Time: 7/23/08 1540	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

TAL-00

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: July 28, 2016

Client:	Chad Bird	Work Order #:	16G016
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N. Tatum Blvd D-129	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	7/19/2016

Dear Client:

Airtech Environmental Laboratories received eight (8) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: July 28, 2016

Client:	Chad Bird	Work Order #:	16G016
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N. Tatum Blvd D-129	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	7/19/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16G016-01	SV-04-07192016	8260B AZ Vapor	7/19/2016	0936
16G016-02	SV-05-07192016	8260B AZ Vapor	7/19/2016	0944
16G016-03	SV-06-07192016	8260B AZ Vapor	7/19/2016	1000
16G016-04	SV-01-07192016	8260B AZ Vapor	7/19/2016	1008
16G016-05	SV-02-07192016	8260B AZ Vapor	7/19/2016	1022
16G016-06	SV-03-07192016	8260B AZ Vapor	7/19/2016	1026
16G016-07	Effluent-07182016	TO-15	7/19/2016	1023
16G016-08	Influent-07192016	TO-15	7/19/2016	1036

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: July 28, 2016

Client:	Chad Bird	Work Order #:	16G016
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N. Tatum Blvd D-129	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	7/19/2016

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16G016-07	Effluent-07192016	E2394	1607-08	29.0	14.16	198	1607-02
16G016-08	Influent-07192016	E2294	1607-07	29.0	2.71 *	052	1606-14

* 5 min grab sampler used

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	Client Sample ID:	SV-04-07192016
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	7/19/2016
Lab ID:	01	Matrix:	Air in Bag

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst: YM		
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	**10**	**1.0**	**1.50**	**0.15**	1	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	23.7	94.8	%REC, 70-130%
Surr: Toluene-d8	23.0	92.1	%REC, 70-130%
Surr: 4-Bromofluorobenzene	23.3	93.4	%REC, 70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	Client Sample ID:	SV-05-07192016
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	7/19/2016
Lab ID:	02	Matrix:	Air in Bag

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst: YM		
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	**13**	**1.0**	**1.92**	**0.15**	1	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	23.3	93.2	%REC, 70-130%
Surr: Toluene-d8	23.3	93.3	%REC, 70-130%
Surr: 4-Bromofluorobenzene	23.9	95.5	%REC, 70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	Client Sample ID:	SV-06-07192016
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	7/19/2016
Lab ID:	03	Matrix:	Air in Bag

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst: YM		
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	**6.1**	**1.0**	**0.90**	**0.15**	1	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	23.4	93.6	%REC, 70-130%
Surr: Toluene-d8	22.7	90.8	%REC, 70-130%
Surr: 4-Bromofluorobenzene	22.8	91.0	%REC, 70-130%

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Client:	Geosyntec	Client Sample ID:	SV-01-07192016
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	7/19/2016
Lab ID:	04	Matrix:	Air in Bag

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst: YM		
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	**10**	**1.0**	**< 1.50**	**0.15**	1	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	22.9	91.5	%REC, 70-130%
Surr: Toluene-d8	22.6	90.4	%REC, 70-130%
Surr: 4-Bromofluorobenzene	22.7	90.8	%REC, 70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	Client Sample ID:	SV-02-07192016
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	7/19/2016
Lab ID:	05	Matrix:	Air in Bag

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst: YM		
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	**62**	**1.0**	**9.18**	**0.15**	1	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	22.9	91.5	%REC, 70-130%
Surr: Toluene-d8	22.5	90.1	%REC, 70-130%
Surr: 4-Bromofluorobenzene	23.0	92.0	%REC, 70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	Client Sample ID:	SV-03-07192016
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	7/19/2016
Lab ID:	06	Matrix:	Air in Bag

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst: YM		
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	**4.1**	**1.0**	**< 0.61**	**0.15**	1	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	23.1	92.4	%REC, 70-130%
Surr: Toluene-d8	23.2	93.0	%REC, 70-130%
Surr: 4-Bromofluorobenzene	23.4	93.4	%REC, 70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent-07192016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	7/19/2016
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	7/25/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.87	6.87		2	7/25/2016	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	7/25/2016	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	7/25/2016	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 3.97	3.97		2	7/25/2016	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	7/25/2016	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		2	7/25/2016	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.68	7.68		2	7/25/2016	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	7/25/2016	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	7/25/2016	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.62	4.62		2	7/25/2016	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		2	7/25/2016	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.21	2.21		2	7/25/2016	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	7/25/2016	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	7/25/2016	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14.4	14.4	L5	2	7/25/2016	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.66	4.66		2	7/25/2016	540-84-1
2-Butanone (MEK)	< 10	10	< 29.5	29.5		2	7/25/2016	78-93-3
2-Hexanone	< 10	10	< 41.0	41.0		2	7/25/2016	591-78-6
2-Propanol (IPA)	< 10	10	< 24.5	24.5		2	7/25/2016	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.84	9.84		2	7/25/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41.0	41.0		2	7/25/2016	108-10-1
Acetone	**12**	**10**	**29.4**	**23.8**		2	7/25/2016	67-64-1
Allyl chloride	< 2.0	2.0	< 6.26	6.26		2	7/25/2016	107-05-1
Benzene	< 1.0	1.0	< 3.19	3.19		2	7/25/2016	71-43-2
Benzyl chloride	< 4.0	4.0	< 20.7	20.7		2	7/25/2016	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.70	6.70		2	7/25/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.37	4.37		2	7/25/2016	593-60-2
Bromoform	< 1.0	1.0	< 10.3	10.3		2	7/25/2016	75-25-2
Bromomethane	< 1.0	1.0	< 3.88	3.88		2	7/25/2016	74-83-9
Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	7/25/2016	104-51-8
Carbon disulfide	< 4.0	4.0	< 12.4	12.4		2	7/25/2016	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.29	6.29		2	7/25/2016	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.60	4.60		2	7/25/2016	108-90-7
Chloroethane	< 1.0	1.0	< 2.64	2.64		2	7/25/2016	75-00-3
Chloroform	< 1.0	1.0	< 4.88	4.88		2	7/25/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		2	7/25/2016	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	7/25/2016	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	7/25/2016	542-75-6
Cyclohexane	< 1.0	1.0	< 3.44	3.44		2	7/25/2016	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.52	8.52		2	7/25/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.90	9.90		2	7/25/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 6.99	6.99		2	7/25/2016	76-14-2
Ethanol	< 10	10	< 18.8	18.8		2	7/25/2016	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.60	3.60		2	7/25/2016	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.34	4.34		2	7/25/2016	100-41-4

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Client:	Geosyntec	**Client Sample ID:**	Effluent-07192016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	7/19/2016
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.10	4.10		2	7/25/2016	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21.3	21.3		2	7/25/2016	87-68-3
Hexane	< 2.0	2.0	< 7.04	7.04		2	7/25/2016	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.84	9.84		2	7/25/2016	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.68	8.68		2	7/25/2016	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14.4	14.4		2	7/25/2016	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.04	8.04		2	7/25/2016	108-87-2
Methylene chloride	< 4.0	4.0	< 13.9	13.9		2	7/25/2016	75-09-2
Naphthalene	< 10	10	< 52.4	52.4		2	7/25/2016	91-20-3
Nonane	< 2.0	2.0	< 10.5	10.5		2	7/25/2016	111-84-2
Octane	< 2.0	2.0	< 9.34	9.34		2	7/25/2016	111-65-9
o-Xylene	< 1.0	1.0	< 4.34	4.34		2	7/25/2016	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.44	3.44		2	7/25/2016	115-07-1
Propylbenzene	< 2.0	2.0	< 9.84	9.84		2	7/25/2016	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	7/25/2016	135-98-8
Styrene	< 1.0	1.0	< 4.26	4.26		2	7/25/2016	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	7/25/2016	98-06-6
Tetrachloroethene	**3.2**	**2.0**	**21.6**	**13.6**		2	7/25/2016	127-18-4
Tetrahydrofuran	**12**	**4.0**	**35.5**	**11.8**		2	7/25/2016	109-99-9
Toluene	< 1.0	1.0	< 3.77	3.77		2	7/25/2016	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	7/25/2016	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	7/25/2016	542-75-6
Trichloroethene	< 1.0	1.0	< 5.37	5.37		2	7/25/2016	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.62	5.62		2	7/25/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.66	7.66		2	7/25/2016	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.52	3.52		2	7/25/2016	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.56	2.56		2	7/25/2016	75-01-4
Surr: 4-Bromofluorobenzene	91.9	70-130	%REC					

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Client:	Geosyntec	**Client Sample ID:**	Influent-07192016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	7/19/2016
Lab ID:	08	**Matrix:**	Air

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	7/25/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	7/25/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	7/25/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	7/25/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	7/25/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	7/25/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	7/25/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	7/25/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	7/25/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	7/25/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	7/25/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	7/25/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	7/25/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	7/25/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	7/25/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	L5	200	7/25/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	7/25/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	7/25/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	7/25/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	7/25/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	7/25/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	7/25/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	7/25/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	7/25/2016	107-05-1
Benzene	< 100	100	< 319	319		200	7/25/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	7/25/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	7/25/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	7/25/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	7/25/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	7/25/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	7/25/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	7/25/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	7/25/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	7/25/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	7/25/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	7/25/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	7/25/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	7/25/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	7/25/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	7/25/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	7/25/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	7/25/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	7/25/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	7/25/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	7/25/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	7/25/2016	100-41-4

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Client:	Geosyntec	**Client Sample ID:**	Influent-07192016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	7/19/2016
Lab ID:	08	**Matrix:**	Air

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	7/25/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	7/25/2016	87-68-3
Hexane	< 200	200	< 704	704		200	7/25/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	7/25/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	7/25/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	7/25/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	7/25/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	7/25/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	7/25/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	7/25/2016	111-84-2
Octane	< 200	200	< 934	934		200	7/25/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	7/25/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	7/25/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	7/25/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	7/25/2016	135-98-8
Styrene	< 100	100	< 426	426		200	7/25/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	7/25/2016	98-06-6
Tetrachloroethene	**6,550**	**200**	**44,410**	**1,356**		200	7/25/2016	127-18-4
Tetrahydrofuran	**1,910**	**400**	**5,635**	**1,180**		200	7/25/2016	109-99-9
Toluene	< 100	100	< 377	377		200	7/25/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	7/25/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	7/25/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	7/25/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	7/25/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	7/25/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	7/25/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	7/25/2016	75-01-4
Surr: 4-Bromofluorobenzene	92.9	70-130	%REC					

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Client:	Geosyntec	Client Sample ID:	NA
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS020721

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR	**8260B AZ**					Analyst: YM		
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	< 1.0	1.0	< 0.15	0.15	1	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	23.5	93.9	%REC, 70-130%
Surr: Toluene-d8	22.3	89.2	%REC, 70-130%
Surr: 4-Bromofluorobenzene	22.9	91.6	%REC, 70-130%

Airtech Environmental Laboratories (AEL)

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Client:	Geosyntec	Client Sample ID:	N/A
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	N/A
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 7/21/2016 Batch: MS020721 Analyst: YM

Method: 8260B AZ Vapor Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD	Qualifier LCS	Qualifier LCSD	RPD	LCS/LCSD LIMIT
VOLATILE ORGANICS IN WATER	ug/l	%	ug/l	%	ug/l	%			<30%	%
Dichlorodifluoromethane(F-12)	28.3	113	27.3	109	25.0	3.5				25.4-154.3
Chloromethane	26.7	107	24.5	98.1	25.0	8.4				41.0-131.3
Vinyl Chloride	26.8	107	26.2	105	25.0	2.5				14.0-146.4
Bromomethane	29.0	116	28.9	116	25.0	0.5				17.6-310.5
Chloroethane	28.4	114	28.6	114	25.0	0.7				44.5-159.5
Trichlorofluoromethane (F-11)	27.0	108	27.0	108	25.0	0.1				50.6-158.2
1,1-Dichloroethene	26.6	107	26.6	106	25.0	0.3				50.4-130
Methylene Chloride	28.4	113	28.0	112	25.0	1.3				65.9-130
trans-1,2-Dichloroethene	26.5	106	26.4	105	25.0	0.4				70-130
Methyl tert-butyl ether (MTBE)	30.9	124	29.0	116	25.0	6.2				51.7-135.4
1,1-Dichloroethane	26.7	107	26.6	107	25.0	0.3				48.2-142.4
cis-1,2-Dichloroethene	27.3	109	27.2	109	25.0	0.6				70-130
Chloroform	27.1	108	26.8	107	25.0	0.9				56.8-135.5
1,1,1-Trichloroethane	27.6	111	27.5	110	25.0	0.6				65.5-138.3
Carbon tetrachloride	28.8	115	28.7	115	25.0	0.6				70-140.8
Benzene	25.3	101	25.2	101	25.0	0.6				58.6-130
1,2-Dichloroethane	29.1	116	28.1	112	25.0	3.4				43.1-156.5
Trichloroethene	26.0	104	26.3	105	25.0	1.4				70-130
1,2-Dichloropropane	27.1	109	27.5	110	25.0	1.5				70-130
Bromodichloromethane	28.2	113	28.2	113	25.0	0.3				70-130
cis-1,3-Dichloropropene	28.2	113	27.6	110	25.0	2.3				70-130
Toluene	25.8	103	26.0	104	25.0	0.6				70-130
trans-1,3-Dichloropropene	29.7	119	28.8	115	25.0	3.0				70-130
1,1,2-Trichloroethane	30.7	123	29.6	119	25.0	3.4				70-130
Tetrachloroethene	27.4	110	26.8	107	25.0	2.4				67.9-150.2
Dibromochloromethane	28.2	113	27.5	110	25.0	2.7				70-130
1,2-Dibromoethane	28.8	115	27.5	110	25.0	4.7				70-130
Chlorobenzene	26.6	106	26.4	106	25.0	0.5				70-130
Ethylbenzene	25.6	102	26.0	104	25.0	1.5				70-130
Xylene, total	78.6	105	79.2	106	75.0	0.8				70-130
Bromoform	29.7	119	28.5	114	25.0	4.0				70-135.8
1,1,2,2-Tetrachloroethane	29.7	119	29.7	119	25.0	0.2				66.8-130
1,3,5-Trimethylbenzene	25.6	102	26.7	107	25.0	4.2				70-130
1,2,4-Trimethylbenzene	25.4	101	26.4	105	25.0	3.8				70-130
1,3-Dichlorobenzene	25.8	103	26.6	106	25.0	2.9				70-130
1,4-Dichlorobenzene	26.0	104	26.8	107	25.0	2.8				70-130
1,2-Dichlorobenzene	26.4	105	26.8	107	25.0	1.6				70-130
Naphthalene	29.6	118	28.3	113	25.0	4.5				70-130

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	25.0	99.9	23.7	95.0	70 -130 %
Surr: Toluene-d8	23.2	92.9	22.7	90.7	70 -130 %
Surr: 4-Bromofluorobenzene	23.5	94.1	22.8	91.0	70 -130 %

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	Client Sample ID:	SV-04-07192016
Project:	CVS	Project Number:	SP0158
Lab Order:	16G016	Collection:	7/19/2016
Lab ID:	Sample Dup	Matrix:	Air in bag

Method QC Data

Batch: MS020721

Source Sample: 15G016-01 Analyst: YM

Analyses 8260B AZ	Sample	Dup	DF	RPD,<30%	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	RPD,<30%			
1,1,1-Trichloroethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Benzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Bromodichloromethane	< 5.0	< 5.0	1	0.0	7/21/2016	8260B AZ Vapor	
Bromoform	< 5.0	< 5.0	1	0.0	7/21/2016	8260B AZ Vapor	
Bromomethane	< 5.0	< 5.0	1	0.0	7/21/2016	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Chlorobenzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Chloroethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Chloroform	< 5.0	< 5.0	1	0.0	7/21/2016	8260B AZ Vapor	
Chloromethane	< 5.0	< 5.0	1	0.0	7/21/2016	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Dibromochloromethane	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Ethylbenzene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	< 2.0	1	0.0	7/21/2016	8260B AZ Vapor	
Methylene chloride	< 5.0	< 5.0	1	0.0	7/21/2016	8260B AZ Vapor	
Naphthalene	< 5.0	< 5.0	1	0.0	7/21/2016	8260B AZ Vapor	
Tetrachloroethene	10.2	10.3	1	1.2	7/21/2016	8260B AZ Vapor	
Toluene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Trichloroethene	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Vinyl chloride	< 1.0	< 1.0	1	0.0	7/21/2016	8260B AZ Vapor	
Xylenes, Total	< 3.0	< 3.0	1	0.0	7/21/2016	8260B AZ Vapor	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	23.7	94.8	23.3	93.3	70-130%
Surr: Toluene-d8	23.0	92.1	23.6	94.4	70-130%
Surr: 4-Bromofluorobenzene	23.3	93.4	23.8	95.2	70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010725 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	7/25/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	7/25/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	7/25/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	7/25/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	7/25/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	7/25/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	7/25/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	7/25/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	7/25/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	7/25/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	7/25/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	7/25/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	7/25/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	7/25/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	7/25/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	7/25/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	7/25/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	7/25/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	7/25/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	7/25/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	7/25/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	7/25/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	7/25/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	7/25/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	7/25/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	7/25/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	7/25/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	7/25/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	7/25/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	7/25/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	7/25/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	7/25/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	7/25/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	7/25/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	7/25/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	7/25/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	7/25/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	7/25/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	7/25/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	7/25/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	7/25/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	7/25/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	7/25/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	7/25/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	7/25/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	7/25/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010725 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	7/25/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	7/25/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	7/25/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	7/25/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	7/25/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	7/25/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	7/25/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	7/25/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	7/25/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	7/25/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	7/25/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	7/25/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	7/25/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	7/25/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	7/25/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	7/25/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	7/25/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	7/25/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	7/25/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	7/25/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	7/25/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	7/25/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	7/25/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	7/25/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	7/25/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	7/25/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	7/25/2016	75-01-4
Surr: 4-Bromofluorobenzene	86.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 7/25/2016 Batch: MS010725 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.0	100	8.6	86.0	10.0	14.8	ppbv			
Dichlorodifluoromethane(F-12)	10.3	103	9.4	93.7	10.0	9.2	ppbv			
Chloromethane	8.9	89.2	8.3	82.5	10.0	7.8	ppbv			
Dichlorotetrafluoroethane(F-114)	9.9	99.3	8.8	88.2	10.0	11.8	ppbv			
Vinyl Chloride	10.8	108	9.5	95.1	10.0	12.5	ppbv			
1,3-Butadiene	9.9	98.7	8.2	81.8	10.0	18.7	ppbv			
Bromomethane	10.1	101	9.6	96.1	10.0	4.7	ppbv			
Chloroethane	10.3	103	9.5	94.9	10.0	8.6	ppbv			
Ethanol	12.8	128	10.5	105	10.0	20.2	ppbv			
Bromoethene(Vinyl Bromide)	11.0	110	9.6	96.1	10.0	13.0	ppbv			
Trichlorofluoromethane (F-11)	9.7	96.9	8.9	88.8	10.0	8.7	ppbv			
Acetone	12.0	120	11.1	111	10.0	7.3	ppbv			
Isopropyl Alcohol (2-Propanol)	10.7	107	9.1	91.3	10.0	15.8	ppbv			
1,1-Dichloroethene	9.8	97.8	8.8	88.4	10.0	10.1	ppbv			
Trichlorotrifluoroethane (F-113)	10.5	105	9.2	91.7	10.0	13.4	ppbv			
Methylene Chloride	8.7	87.2	8.6	85.7	10.0	1.7	ppbv			
Allyl Chloride	9.4	93.7	7.9	78.7	10.0	17.4	ppbv			
Carbon disulfide	10.9	109	10.4	104	10.0	4.7	ppbv			
trans-1,2-Dichloroethene	10.2	102	9.4	94.2	10.0	8.1	ppbv			
Methyl tert-butyl ether	11.0	110	10.0	100	10.0	8.9	ppbv			
1,1-Dichloroethane	10.0	100	9.3	93.3	10.0	7.3	ppbv			
Vinyl acetate	10.9	109	10.0	100	10.0	9.1	ppbv			
2-Butanone (MEK)	11.2	112	10.3	103	10.0	8.4	ppbv			
Hexane	11.1	111	9.1	91.2	10.0	19.7	ppbv			
cis-1,2-Dichloroethene	11.2	112	10.1	101	10.0	10.4	ppbv			
Ethyl Acetate	10.9	109	10.2	102	10.0	7.0	ppbv			
Chloroform	9.7	96.9	8.9	89.2	10.0	8.3	ppbv			
Tetrahydrofuran	10.7	107	9.7	96.9	10.0	9.4	ppbv			
1,1,1-Trichloroethane	10.0	100	8.9	88.6	10.0	12.2	ppbv			
1,2-Dichloroethane	9.7	97.1	8.5	84.6	10.0	13.8	ppbv			
Benzene	10.7	107	9.9	99.2	10.0	7.4	ppbv			
Carbon tetrachloride	9.5	95.2	8.7	86.6	10.0	9.5	ppbv			
Cyclohexane	11.0	110	9.5	95.3	10.0	14.5	ppbv			
2,2,4-Trimethylpentane	9.4	93.7	9.1	91.2	10.0	2.7	ppbv			
Heptane	8.5	84.8	8.9	88.5	10.0	4.3	ppbv			
1,2-Dichloropropane	9.7	97.4	9.1	91.1	10.0	6.7	ppbv			
Trichloroethene	10.5	105	10.2	102	10.0	3.3	ppbv			
Bromodichloromethane	9.3	93.1	9.1	91.1	10.0	2.2	ppbv			
1,4-Dioxane	12.3	123	13.8	138	10.0	12.0	ppbv		L5	
Methylcyclohexane	10.6	106	10.4	104	10.0	1.9	ppbv			
cis-1,3-Dichloropropene	10.4	104	10.1	101	10.0	3.6	ppbv			
4-methyl-2-pentanone	11.0	110	10.3	103	10.0	7.0	ppbv			
trans-1,3-Dichloropropene	10.6	106	10.5	105	10.0	0.7	ppbv			
Toluene	10.1	101	10.1	101	10.0	0.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 7/25/2016 Batch: MS010725 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.7	97.2	10.3	103	10.0	5.9	ppbv			
2-Hexanone	11.1	111	10.6	106	10.0	4.5	ppbv			
n-Octane	9.0	89.8	8.9	88.6	10.0	1.3	ppbv			
Dibromochloromethane	10.4	104	10.3	103	10.0	1.6	ppbv			
1,2-Dibromoethane	10.7	107	10.3	103	10.0	3.6	ppbv			
Tetrachloroethene	10.1	101	9.8	98.1	10.0	2.6	ppbv			
Chlorobenzene	10.2	102	10.2	102	10.0	0.4	ppbv			
Ethylbenzene	10.8	108	11.3	113	10.0	4.8	ppbv			
m&p-Xylene	20.6	103	21.0	105	20.0	2.0	ppbv			
Bromoform	10.5	105	10.6	106	10.0	0.9	ppbv			
Styrene	10.7	107	11.1	111	10.0	3.6	ppbv			
Nonane	8.9	89.1	8.9	88.5	10.0	0.7	ppbv			
o-Xylene	10.6	106	10.2	102	10.0	3.9	ppbv			
1,1,2,2-Tetrachloroethane	10.0	100	10.1	101	10.0	0.9	ppbv			
Isopropylbenzene	10.6	106	10.6	106	10.0	0.7	ppbv			
n-Propylbenzene	10.2	102	10.2	102	10.0	0.1	ppbv			
4-Ethyltoluene	10.7	107	10.6	106	10.0	1.3	ppbv			
1,3,5-Trimethylbenzene	10.1	101	10.3	103	10.0	1.5	ppbv			
Tert-Butyl Benzene	10.3	103	10.1	101	10.0	1.3	ppbv			
1,2,4-Trimethylbenzene	10.3	103	10.1	101	10.0	1.6	ppbv			
Sec-Butyl Benzene	10.3	103	10.2	102	10.0	0.6	ppbv			
1,3-Dichlorobenzene	10.5	105	10.7	107	10.0	2.5	ppbv			
Benzyl chloride	11.5	115	11.6	116	10.0	1.0	ppbv			
1,4-Dichlorobenzene	10.9	109	10.9	109	10.0	0.4	ppbv			
1,2-Dichlorobenzene	10.6	106	10.5	105	10.0	0.7	ppbv			
n-Butyl Benzene	10.8	108	10.5	105	10.0	2.6	ppbv			
1,2,4-Trichlorobenzene	10.9	109	10.9	109	10.0	0.1	ppbv			
Naphthalene	10.5	105	11.0	110	10.0	3.8	ppbv			
Hexachlorobutadiene	10.5	105	10.5	105	10.0	0.0	ppbv			
Surr: 4-Bromofluorobenzene	9.0	90.0	9.4	94.4			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16G016	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-150731-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/31/2016
S-150804-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/4/2016
S-150804-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	8/4/2016
S-151113-01	Stock	Spectra Gases	TB500009-110	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/13/2016
A-160711-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	7/31/2016
A-160710-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	10/10/2016

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 1180 N. TAROM P-186	Sampler: ROBERT FIELD Phone: 480-392-0415	16G016
	Project Name: CVS Project Number: SP0058	
City, State, Zip: PHOENIX AZ 85028	Project location:	
Contact: CHAD BIRD	P.O. Number: SP0158	
Phone: Fax:	Fax Results: Y N	
E-Mail Address: CBIRD@GEOSYNTEC.COM	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01			6 1 bag	1 2 5	SV-04-07192016	7/19/16	0936	S	1				✓						
02			6 1 bag	1 2 5	SV-05-07192016		0944	S	1				✓						
03			6 1 bag	1 2 5	SV-06-07192016		1000	S	1				✓						
04			6 1 bag	1 2 5	SV-01-07192016		1008	S	1				✓						
05			6 1 bag	1 2 5	SV-02-07192016		1022	S	1				✓						
06			6 1 bag	1 2 5	SV-03-07192016		1026	S	1				✓						
07	E2394	198	6 1 bag	1 2 5	EFFLUENT-07192016		1032	S	1	✓									
08	E2394	052	6 1 bag	1 2 5	INFLUENT-07192016		1036	S	1	✓									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
7/19/16	1240	Robert Field	Jami Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: August 18, 2016

Client:	Chad Bird	Work Order #:	16H007
Company:	Geosyntec	Project Name:	ECP - CVS
Address:	11811 N Tatum P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/4/2016

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: August 18, 2016

Client:	Chad Bird	Work Order #:	16H007
Company:	Geosyntec	Project Name:	ECP - CVS
Address:	11811 N Tatum P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/4/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16H007-01	Effluent - 08042016	TO-15	8/4/2016	1420
16H007-02	Influent - 08042016	TO-15	8/4/2016	1428

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: August 18, 2016

Client:	Chad Bird	Work Order #:	16H007
Company:	Geosyntec	Project Name:	ECP - CVS
Address:	11811 N Tatum P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	08/04/16

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. Analyte not detected in sample.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16H007-01	Effluent - 08042016	E2289	1607-14	29.0	13.88	063	1607-02
16H007-02	Influent - 08042016	E2103	1607-15	29.0	11.26	191	1607-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent - 08042016
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	8/4/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	8/9/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.87	6.87		2	8/9/2016	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	8/9/2016	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	8/9/2016	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 3.97	3.97		2	8/9/2016	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	8/9/2016	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		2	8/9/2016	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.68	7.68		2	8/9/2016	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	8/9/2016	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	8/9/2016	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.62	4.62		2	8/9/2016	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		2	8/9/2016	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.21	2.21		2	8/9/2016	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	8/9/2016	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	8/9/2016	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14.4	14.4		2	8/9/2016	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.66	4.66		2	8/9/2016	540-84-1
2-Butanone (MEK)	< 10	10	< 29.5	29.5		2	8/9/2016	78-93-3
2-Hexanone	< 10	10	< 41.0	41.0		2	8/9/2016	591-78-6
2-Propanol (IPA)	< 10	10	< 24.5	24.5		2	8/9/2016	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.84	9.84		2	8/9/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41.0	41.0		2	8/9/2016	108-10-1
Acetone	< 10	10	< 23.8	23.8		2	8/9/2016	67-64-1
Allyl chloride	< 2.0	2.0	< 6.26	6.26		2	8/9/2016	107-05-1
Benzene	< 1.0	1.0	< 3.19	3.19		2	8/9/2016	71-43-2
Benzyl chloride	< 4.0	4.0	< 20.7	20.7	L5	2	8/9/2016	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.70	6.70		2	8/9/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.37	4.37		2	8/9/2016	593-60-2
Bromoform	< 1.0	1.0	< 10.3	10.3		2	8/9/2016	75-25-2
Bromomethane	< 1.0	1.0	< 3.88	3.88		2	8/9/2016	74-83-9
Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	8/9/2016	104-51-8
Carbon disulfide	< 4.0	4.0	< 12.4	12.4		2	8/9/2016	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.29	6.29		2	8/9/2016	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.60	4.60		2	8/9/2016	108-90-7
Chloroethane	< 1.0	1.0	< 2.64	2.64		2	8/9/2016	75-00-3
Chloroform	< 1.0	1.0	< 4.88	4.88		2	8/9/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		2	8/9/2016	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	8/9/2016	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	8/9/2016	542-75-6
Cyclohexane	< 1.0	1.0	< 3.44	3.44		2	8/9/2016	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.52	8.52		2	8/9/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.90	9.90		2	8/9/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 6.99	6.99		2	8/9/2016	76-14-2
Ethanol	< 10	10	< 18.80	18.80		2	8/9/2016	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.60	3.60		2	8/9/2016	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.34	4.34		2	8/9/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent - 08042016
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	8/4/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 1.0	1.0	< 4.10	4.10		2	8/9/2016	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21.3	21.3		2	8/9/2016	87-68-3
Hexane	< 2.0	2.0	< 7.04	7.04		2	8/9/2016	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.84	9.84		2	8/9/2016	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.68	8.68		2	8/9/2016	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14.4	14.4		2	8/9/2016	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.04	8.04		2	8/9/2016	108-87-2
Methylene chloride	< 4.0	4.0	< 13.9	13.9		2	8/9/2016	75-09-2
Naphthalene	< 10	10	< 52.4	52.4		2	8/9/2016	91-20-3
Nonane	< 2.0	2.0	< 10.5	10.5	L5	2	8/9/2016	111-84-2
Octane	< 2.0	2.0	< 9.34	9.34		2	8/9/2016	111-65-9
o-Xylene	< 1.0	1.0	< 4.34	4.34		2	8/9/2016	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.44	3.44		2	8/9/2016	115-07-1
Propylbenzene	< 2.0	2.0	< 9.84	9.84		2	8/9/2016	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	8/9/2016	135-98-8
Styrene	< 1.0	1.0	< 4.26	4.26		2	8/9/2016	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	8/9/2016	98-06-6
Tetrachloroethene	< 2.0	2.0	< 13.6	13.6		2	8/9/2016	127-18-4
Tetrahydrofuran	**24**	**4.0**	**71.5**	**11.8**		2	8/9/2016	109-99-9
Toluene	< 1.0	1.0	< 3.77	3.77		2	8/9/2016	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	8/9/2016	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	8/9/2016	542-75-6
Trichloroethene	**3.4**	**1.0**	**18.2**	**5.37**		2	8/9/2016	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.62	5.62		2	8/9/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.66	7.66		2	8/9/2016	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.52	3.52		2	8/9/2016	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.56	2.56		2	8/9/2016	75-01-4
Surr: 4-Bromofluorobenzene	93.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent - 08042016
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	8/4/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	8/8/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	8/8/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	8/8/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	8/8/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	8/8/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	8/8/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	8/8/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	8/8/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	8/8/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	8/8/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	8/8/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	8/8/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	8/8/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	8/8/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	8/8/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	8/8/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	8/8/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	8/8/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	8/8/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	8/8/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	8/8/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	8/8/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	8/8/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	8/8/2016	107-05-1
Benzene	< 100	100	< 319	319		200	8/8/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072	L5	200	8/8/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	8/8/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	8/8/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	8/8/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	8/8/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	8/8/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	8/8/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	8/8/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	8/8/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	8/8/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	8/8/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	8/8/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	8/8/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	8/8/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	8/8/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	8/8/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	8/8/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	8/8/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	8/8/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	8/8/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	8/8/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent - 08042016
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	8/4/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	8/8/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	8/8/2016	87-68-3
Hexane	< 200	200	< 704	704		200	8/8/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	8/8/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	8/8/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	8/8/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	8/8/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	8/8/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	8/8/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048	L5	200	8/8/2016	111-84-2
Octane	< 200	200	< 934	934		200	8/8/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	8/8/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	8/8/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	8/8/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	8/8/2016	135-98-8
Styrene	< 100	100	< 426	426		200	8/8/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	8/8/2016	98-06-6
Tetrachloroethene	**5,930**	**200**	**40,210**	**1,356**		200	8/8/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	8/8/2016	109-99-9
Toluene	< 100	100	< 377	377		200	8/8/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	8/8/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	8/8/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	8/8/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	8/8/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	8/8/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	8/8/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	8/8/2016	75-01-4
Surr: 4-Bromofluorobenzene	90.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010808 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/8/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	8/8/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/8/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/8/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	8/8/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	8/8/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/8/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	8/8/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/8/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/8/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	8/8/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/8/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	8/8/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/8/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/8/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	8/8/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	8/8/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	8/8/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	8/8/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	8/8/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	8/8/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	8/8/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	8/8/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	8/8/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	8/8/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	8/8/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	8/8/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	8/8/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	8/8/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	8/8/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/8/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	8/8/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	8/8/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	8/8/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	8/8/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	8/8/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	8/8/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/8/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/8/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	8/8/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	8/8/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	8/8/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	8/8/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	8/8/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	8/8/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	8/8/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010808 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	8/8/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	8/8/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	8/8/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	8/8/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	8/8/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	8/8/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	8/8/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	8/8/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	8/8/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	8/8/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	8/8/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	8/8/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	8/8/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	8/8/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/8/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	8/8/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/8/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	8/8/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	8/8/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	8/8/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/8/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/8/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	8/8/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	8/8/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	8/8/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	8/8/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	8/8/2016	75-01-4
Surr: 4-Bromofluorobenzene	95.1	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 8/8/2016 Batch: MS010808 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	9.3	92.7	9.3	92.8	10.0	0.1	ppbv			
Dichlorodifluoromethane(F-12)	10.5	105	10.5	105	10.0	0.7	ppbv			
Chloromethane	10.9	109	10.8	108	10.0	1.2	ppbv			
Dichlorotetrafluoroethane(F-114)	9.7	97.0	9.9	99.2	10.0	2.2	ppbv			
Vinyl Chloride	9.8	98.4	10.2	102	10.0	3.4	ppbv			
1,3-Butadiene	9.8	98.2	11.2	112	10.0	13.0	ppbv			
Bromomethane	8.8	87.7	8.9	88.6	10.0	1.0	ppbv			
Chloroethane	8.8	88.2	9.7	97.0	10.0	9.5	ppbv			
Ethanol	11.4	114	9.9	98.6	10.0	14.6	ppbv			
Bromoethene(Vinyl Bromide)	10.9	109	10.5	105	10.0	3.6	ppbv			
Trichlorofluoromethane (F-11)	10.8	108	10.6	106	10.0	1.6	ppbv			
Acetone	11.8	118	10.0	100	10.0	16.2	ppbv			
Isopropyl Alcohol (2-Propanol)	11.6	116	10.5	105	10.0	10.2	ppbv			
1,1-Dichloroethene	10.6	106	10.1	101	10.0	5.0	ppbv			
Trichlorotrifluoroethane (F-113)	10.7	107	10.2	102	10.0	4.6	ppbv			
Methylene Chloride	9.8	98.3	9.3	93.1	10.0	5.4	ppbv			
Allyl Chloride	10.9	109	10.0	100	10.0	8.5	ppbv			
Carbon disulfide	10.9	109	10.2	102	10.0	5.9	ppbv			
trans-1,2-Dichloroethene	11.0	110	10.4	104	10.0	5.4	ppbv			
Methyl tert-butyl ether	11.2	112	10.6	106	10.0	5.9	ppbv			
1,1-Dichloroethane	10.3	103	9.6	95.8	10.0	6.9	ppbv			
Vinyl acetate	10.9	109	10.0	100	10.0	8.8	ppbv			
2-Butanone (MEK)	11.8	118	11.2	112	10.0	5.1	ppbv			
Hexane	10.5	105	9.7	96.8	10.0	7.9	ppbv			
cis-1,2-Dichloroethene	11.2	112	10.6	106	10.0	5.4	ppbv			
Ethyl Acetate	11.6	116	10.4	104	10.0	10.2	ppbv			
Chloroform	10.9	109	10.3	103	10.0	5.2	ppbv			
Tetrahydrofuran	11.9	119	10.6	106	10.0	11.2	ppbv			
1,1,1-Trichloroethane	10.8	108	10.5	105	10.0	3.2	ppbv			
1,2-Dichloroethane	10.7	107	10.3	103	10.0	3.3	ppbv			
Benzene	11.2	112	10.5	105	10.0	7.0	ppbv			
Carbon tetrachloride	10.8	108	10.4	104	10.0	3.5	ppbv			
Cyclohexane	11.0	110	9.9	98.6	10.0	10.5	ppbv			
2,2,4-Trimethylpentane	10.4	104	9.5	94.8	10.0	9.0	ppbv			
Heptane	10.1	101	9.6	95.7	10.0	5.5	ppbv			
1,2-Dichloropropane	11.2	112	10.3	103	10.0	8.4	ppbv			
Trichloroethene	10.6	106	10.2	102	10.0	4.1	ppbv			
Bromodichloromethane	11.0	110	10.6	106	10.0	3.3	ppbv			
1,4-Dioxane	12.4	124	11.5	115	10.0	7.3	ppbv			
Methylcyclohexane	11.2	112	10.6	106	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	11.8	118	10.8	108	10.0	8.6	ppbv			
4-methyl-2-pentanone	11.6	116	10.3	103	10.0	12.2	ppbv			
trans-1,3-Dichloropropene	11.9	119	11.2	112	10.0	6.2	ppbv			
Toluene	11.2	112	10.4	104	10.0	7.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 8/8/2016 Batch: MS010808 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	11.3	113	10.4	104	10.0	8.6	ppbv			
2-Hexanone	12.0	120	11.2	112	10.0	7.0	ppbv			
n-Octane	12.0	120	11.5	115	10.0	4.4	ppbv			
Dibromochloromethane	11.3	113	10.8	108	10.0	4.4	ppbv			
1,2-Dibromoethane	11.4	114	10.7	107	10.0	7.0	ppbv			
Tetrachloroethene	10.8	108	10.6	106	10.0	2.0	ppbv			
Chlorobenzene	11.0	110	10.5	105	10.0	4.7	ppbv			
Ethylbenzene	11.0	110	10.9	109	10.0	1.2	ppbv			
m&p-Xylene	22.0	110	21.6	108	20.0	1.8	ppbv			
Bromoform	11.8	118	11.5	115	10.0	2.3	ppbv			
Styrene	10.8	108	10.9	109	10.0	0.3	ppbv			
Nonane	13.1	131	13.1	131	10.0	0.3	ppbv	L5	L5	
o-Xylene	10.7	107	10.7	107	10.0	0.7	ppbv			
1,1,2,2-Tetrachloroethane	11.3	113	11.1	111	10.0	1.0	ppbv			
Isopropylbenzene	11.3	113	11.2	112	10.0	0.4	ppbv			
n-Propylbenzene	11.2	112	11.1	111	10.0	0.6	ppbv			
4-Ethyltoluene	11.6	116	11.5	115	10.0	0.7	ppbv			
1,3,5-Trimethylbenzene	11.0	110	11.0	110	10.0	0.4	ppbv			
Tert-Butyl Benzene	10.8	108	10.7	107	10.0	0.5	ppbv			
1,2,4-Trimethylbenzene	11.1	111	11.2	112	10.0	0.8	ppbv			
Sec-Butyl Benzene	11.2	112	11.1	111	10.0	1.0	ppbv			
1,3-Dichlorobenzene	11.0	110	10.9	109	10.0	1.6	ppbv			
Benzyl chloride	13.6	136	13.2	132	10.0	3.1	ppbv	L5	L5	
1,4-Dichlorobenzene	11.2	112	10.9	109	10.0	2.2	ppbv			
1,2-Dichlorobenzene	11.1	111	10.9	109	10.0	1.4	ppbv			
n-Butyl Benzene	11.6	116	11.4	114	10.0	1.7	ppbv			
1,2,4-Trichlorobenzene	11.9	119	11.3	113	10.0	5.3	ppbv			
Naphthalene	11.8	118	11.4	114	10.0	3.1	ppbv			
Hexachlorobutadiene	10.4	104	10.2	102	10.0	1.8	ppbv			
Surr: 4-Bromofluorobenzene	9.8	98.1	10.1	101			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	ECP - CVS	**Project Number:**	SP0158
Lab Order:	16H007	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-160802-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/25/2017
S-160802-02	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	7/12/2017
S-160802-03	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	7/19/2017
S-151113-01	Stock	Spectra Gases	TB500009-110	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/13/2016
A-160804-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	11/4/2016
A-160727-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	10/27/2016

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N. TATUM D-186	Sampler: ROBERT FIFORD Phone: 480-392-0415	16H007
	Project Name: ECP - CVS Project Number: SP0158	
City, State, Zip: PHOENIX AZ 85028	Project location:	
Contact: CHAD BIRD	P.O. Number: SP0158	
Phone: Fax:	Fax Results: Y N	
E-Mail Address: CBIRD@GEOSYNTEC.COM	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01 E	2289	063	6 (1) bag	(1) 2 5	EFFLUENT-080420K	8/4/16	1420	S	1	/									
02 E	2103	191	6 (1) bag	(1) 2 5	INFLUENT-080420K	8/4/16	1428	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8/4/16	1515	Robert Ciford	James Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: August 29, 2016

Client:	Chad Byrd	Work Order #:	16H024
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/18/2016

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: August 29, 2016

Client:	Chad Byrd	Work Order #:	16H024
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/18/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16H024-01	Effluent 08182016	TO-15	8/18/2016	0900
16H024-02	Influent 08182016	TO-15	8/18/2016	0905

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: August 29, 2016

Client:	Chad Byrd	Work Order #:	16H024
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	08/18/16

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16H024-01	Effluent 08182016	E2086	1607-19	29.0	13.97	197	1607-02
16H024-02	Influent 08182016	E2102	1607-19	29.0	11.94	144	1606-13

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 08182016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	8/18/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/19/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	8/19/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/19/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/19/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	8/19/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8	L5	1	8/19/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/19/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	8/19/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/19/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/19/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	8/19/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/19/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11	L5	1	8/19/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/19/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/19/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	8/19/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	8/19/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	8/19/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	8/19/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	8/19/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	8/19/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	8/19/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	8/19/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	8/19/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	8/19/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	8/19/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	8/19/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	8/19/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17	L5	1	8/19/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	8/19/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/19/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	8/19/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	8/19/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	8/19/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	8/19/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	8/19/2016	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	8/19/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/19/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/19/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	8/19/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	8/19/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	8/19/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	8/19/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	8/19/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	8/19/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	8/19/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 08182016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	8/18/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	8/19/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7	L5	1	8/19/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	8/19/2016	110-54-3
Isopropylbenzene	**1.1**	**1.0**	**5.17**	**4.92**		1	8/19/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	8/19/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	8/19/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	8/19/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	8/19/2016	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	8/19/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	8/19/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	8/19/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	8/19/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	8/19/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	8/19/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/19/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	8/19/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/19/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	8/19/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	8/19/2016	109-99-9
Toluene	**0.7**	**0.5**	**2.56**	**1.89**		1	8/19/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/19/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/19/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	8/19/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	8/19/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	8/19/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	8/19/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	8/19/2016	75-01-4
Surr: 4-Bromofluorobenzene	78.7	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 10	10	ppbv		T4	1	8/19/2016

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 08182016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	8/18/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	8/18/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	8/18/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	8/18/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	8/18/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	8/18/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968	L5	200	8/18/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	8/18/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	8/18/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	8/18/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	8/18/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	8/18/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	8/18/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221	L5	200	8/18/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	8/18/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	8/18/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	8/18/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	8/18/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	8/18/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	8/18/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	8/18/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	8/18/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	8/18/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	8/18/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	8/18/2016	107-05-1
Benzene	< 100	100	< 319	319		200	8/18/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	8/18/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	8/18/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	8/18/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034	L5	200	8/18/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	8/18/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	8/18/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	8/18/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	8/18/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	8/18/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	8/18/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	8/18/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	8/18/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	8/18/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	8/18/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	8/18/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	8/18/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	8/18/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	8/18/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	8/18/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	8/18/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	8/18/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 08182016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	8/18/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	8/18/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134	L5	200	8/18/2016	87-68-3
Hexane	< 200	200	< 704	704		200	8/18/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	8/18/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	8/18/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	8/18/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	8/18/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	8/18/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	8/18/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	8/18/2016	111-84-2
Octane	< 200	200	< 934	934		200	8/18/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	8/18/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	8/18/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	8/18/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	8/18/2016	135-98-8
Styrene	< 100	100	< 426	426		200	8/18/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	8/18/2016	98-06-6
Tetrachloroethene	**10,800**	**400**	**73,220**	**2,712**		400	8/19/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	8/18/2016	109-99-9
Toluene	< 100	100	< 377	377		200	8/18/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	8/18/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	8/18/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	8/18/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	8/18/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	8/18/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	8/18/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	8/18/2016	75-01-4
Surr: 4-Bromofluorobenzene	84.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 2,000	2,000	ppbv		T4	200	8/18/2016

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010818 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/18/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	8/18/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/18/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/18/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	8/18/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	8/18/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/18/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	8/18/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/18/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/18/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	8/18/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/18/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	8/18/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/18/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/18/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	8/18/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	8/18/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	8/18/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	8/18/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	8/18/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	8/18/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	8/18/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	8/18/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	8/18/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	8/18/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	8/18/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	8/18/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	8/18/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	8/18/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	8/18/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/18/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	8/18/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	8/18/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	8/18/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	8/18/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	8/18/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	8/18/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/18/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/18/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	8/18/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	8/18/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	8/18/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	8/18/2016	76-14-2
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	8/18/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	8/18/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010818 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	8/18/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	8/18/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	8/18/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	8/18/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	8/18/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	8/18/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	8/18/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	8/18/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	8/18/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	8/18/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	8/18/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	8/18/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	8/18/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	8/18/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/18/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	8/18/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/18/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	8/18/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	8/18/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	8/18/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/18/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/18/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	8/18/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	8/18/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	8/18/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	8/18/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	8/18/2016	75-01-4
Surr: 4-Bromofluorobenzene	82.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 8/18/2016 Batch: MS010818 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	7.4	73.9	7.0	70.0	10.0	5.4	ppbv			
Dichlorodifluoromethane(F-12)	10.6	106	10.4	104	10.0	1.6	ppbv			
Chloromethane	11.5	115	11.6	116	10.0	0.5	ppbv			
Dichlorotetrafluoroethane(F-114)	11.9	119	11.9	119	10.0	0.5	ppbv			
Vinyl Chloride	12.0	120	12.3	123	10.0	2.5	ppbv			
1,3-Butadiene	13.3	133	13.9	139	10.0	4.1	ppbv	L5	L5	
Bromomethane	12.5	125	12.0	120	10.0	4.1	ppbv			
Chloroethane	11.6	116	11.3	113	10.0	2.5	ppbv			
Bromoethene(Vinyl Bromide)	9.9	98.8	9.7	96.9	10.0	1.9	ppbv			
Trichlorofluoromethane (F-11)	11.3	113	10.9	109	10.0	3.5	ppbv			
Acetone	10.0	100	9.1	91.2	10.0	8.7	ppbv			
Isopropyl Alcohol (2-Propanol)	10.8	108	10.8	108	10.0	0.5	ppbv			
1,1-Dichloroethene	10.7	107	10.0	100	10.0	6.9	ppbv			
Trichlorotrifluoroethane (F-113)	9.9	99.3	10.0	100	10.0	0.9	ppbv			
Methylene Chloride	10.4	104	10.4	104	10.0	0.5	ppbv			
Allyl Chloride	8.8	88.0	8.5	84.8	10.0	3.7	ppbv			
Carbon disulfide	8.4	84.3	8.4	84.3	10.0	0.0	ppbv			
trans-1,2-Dichloroethene	9.7	96.6	9.2	91.7	10.0	5.2	ppbv			
Methyl tert-butyl ether	11.1	111	10.4	104	10.0	6.4	ppbv			
1,1-Dichloroethane	8.9	89.4	8.8	87.5	10.0	2.1	ppbv			
Vinyl acetate	11.8	118	10.9	109	10.0	7.9	ppbv			
2-Butanone (MEK)	8.3	82.7	8.4	83.7	10.0	1.2	ppbv			
Hexane	8.5	85.3	8.5	85.2	10.0	0.1	ppbv			
cis-1,2-Dichloroethene	9.4	94.4	9.3	93.3	10.0	1.2	ppbv			
Ethyl Acetate	10.9	109	10.0	100	10.0	8.4	ppbv			
Chloroform	10.0	99.5	9.6	95.6	10.0	4.0	ppbv			
Tetrahydrofuran	10.2	102	9.2	91.9	10.0	10.0	ppbv			
1,1,1-Trichloroethane	11.0	110	10.9	109	10.0	1.1	ppbv			
1,2-Dichloroethane	11.0	110	10.7	107	10.0	2.7	ppbv			
Benzene	8.2	82.2	8.1	80.8	10.0	1.7	ppbv			
Carbon tetrachloride	11.5	115	11.1	111	10.0	3.1	ppbv			
Cyclohexane	8.1	81.3	7.5	75.4	10.0	7.5	ppbv			
2,2,4-Trimethylpentane	8.1	81.0	8.1	80.5	10.0	0.6	ppbv			
Heptane	10.5	105	10.9	109	10.0	3.7	ppbv			
1,2-Dichloropropane	7.8	77.7	8.1	80.7	10.0	3.8	ppbv			
Trichloroethene	10.8	108	10.7	107	10.0	0.6	ppbv			
Bromodichloromethane	10.7	107	10.5	105	10.0	2.3	ppbv			
1,4-Dioxane	10.3	103	10.4	104	10.0	1.3	ppbv			
Methylcyclohexane	9.1	90.8	9.0	89.7	10.0	1.2	ppbv			
cis-1,3-Dichloropropene	9.7	96.8	9.6	95.7	10.0	1.1	ppbv			
4-methyl-2-pentanone	10.3	103	10.6	106	10.0	2.7	ppbv			
trans-1,3-Dichloropropene	10.9	109	10.9	109	10.0	0.1	ppbv			
Toluene	9.5	94.8	9.4	93.5	10.0	1.4	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 8/18/2016 Batch: MS010818 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.4	94.0	9.7	97.2	10.0	3.3	ppbv			
2-Hexanone	11.6	116	11.2	112	10.0	2.9	ppbv			
n-Octane	8.8	87.5	8.4	84.3	10.0	3.7	ppbv			
Dibromochloromethane	12.0	120	12.1	121	10.0	1.4	ppbv			
1,2-Dibromoethane	10.8	108	10.7	107	10.0	1.7	ppbv			
Tetrachloroethene	12.0	120	11.8	118	10.0	1.8	ppbv			
Chlorobenzene	10.0	99.8	9.9	99.0	10.0	0.8	ppbv			
Ethylbenzene	10.7	107	10.3	103	10.0	3.1	ppbv			
m&p-Xylene	20.9	105	20.2	101	20.0	3.8	ppbv			
Bromoform	13.1	131	12.6	126	10.0	4.1	ppbv	L5		
Styrene	10.3	103	9.9	98.7	10.0	3.8	ppbv			
Nonane	8.3	83.4	8.2	82.2	10.0	1.4	ppbv			
o-Xylene	10.1	101	9.7	96.5	10.0	4.3	ppbv			
1,1,2,2-Tetrachloroethane	9.1	91.3	8.8	87.6	10.0	4.1	ppbv			
Isopropylbenzene	11.2	112	10.9	109	10.0	2.7	ppbv			
n-Propylbenzene	10.5	105	10.3	103	10.0	2.3	ppbv			
4-Ethyltoluene	11.5	115	10.9	109	10.0	5.2	ppbv			
1,3,5-Trimethylbenzene	11.1	111	10.6	106	10.0	5.1	ppbv			
Tert-Butyl Benzene	11.4	114	11.0	110	10.0	3.6	ppbv			
1,2,4-Trimethylbenzene	11.2	112	10.7	107	10.0	5.1	ppbv			
Sec-Butyl Benzene	10.8	108	10.4	104	10.0	3.8	ppbv			
1,3-Dichlorobenzene	11.8	118	11.2	112	10.0	5.4	ppbv			
Benzyl chloride	12.6	126	12.0	120	10.0	4.9	ppbv			
1,4-Dichlorobenzene	12.2	122	11.8	118	10.0	3.3	ppbv			
1,2-Dichlorobenzene	12.3	123	11.9	119	10.0	3.3	ppbv			
n-Butyl Benzene	10.6	106	10.4	104	10.0	2.1	ppbv			
1,2,4-Trichlorobenzene	13.8	138	13.4	134	10.0	3.0	ppbv	L5	L5	
Naphthalene	12.1	121	11.8	118	10.0	2.4	ppbv			
Hexachlorobutadiene	13.2	132	12.8	128	10.0	3.6	ppbv	L5		
Surr: 4-Bromofluorobenzene	9.4	94.1	9.6	95.6			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H024	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-160802-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/25/2017
S-160802-02	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	7/12/2017
S-160802-03	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	7/19/2017
S-151113-01	Stock	Spectra Gases	TB500009-110	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/13/2016
A-160811-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	11/11/2016
A-160818-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/13/2016

Airtech Environmental Laboratories (AEL)

Chain of Customy

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 1188 N TATum Blvd	Sampler: George A Hollar Phone:	164024
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix AZ 85028	Project location: ~~CVS~~ 24th St and Thomas	
Contact: Chad Bryd	P.O. Number: SP0158	
Phone: 858-716-2908 Fax:	Fax Results: Y (N)	
E-Mail Address: CBryd@Geosyntec.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C

Custody Seals: Yes_____ No_____

Custody Seals Intact: Yes_____ No_____

Total # of Containers:_____

Turn Around Request

____ 24 Hours ____ 48 Hours

____ 72 Hours

____ 5 working Day

✓ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction GW: ground water

A: ambient air WW: waste water

I: indoor air

S: soil vapor

W: water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2086	197	6 (1) bag	(1) 2 5	EFFLUENT 08182016	8-18-16	0900	S	1	✓									
02	E2102	144	6 (1) bag	(1) 2 5	INFLUENT 08182016	8-18-16	0905	S	1	✓									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-18-16	0937	[signature]	James Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 2, 2016

Client:	Chad Byrd	Work Order #:	16H036
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/26/2016

Dear Client:

Airtech Environmental Laboratories received fifteen (15) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 2, 2016

Client:	Chad Byrd	Work Order #:	16H036
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/26/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16H036-01	SG06-08252016 5'	TO-15	8/25/2016	1146
16H036-02	SG06-15-08252016	TO-15	8/25/2016	1219
16H036-03	SG07-5-08252016	TO-15	8/25/2016	1250
16H036-04	SG07-15-08252016	TO-15	8/25/2016	1319
16H036-05	SG03-5-08262016	TO-15	8/26/2016	0545
16H036-06	SG03-15-08262016	TO-15	8/26/2016	0609
16H036-07	SG04-15-08262016	TO-15	8/26/2016	0636
16H036-08	SG04-5-08262016	TO-15	8/26/2016	0655
16H036-09	SG05-5-08262016	TO-15	8/26/2016	0716
16H036-10	SG05-15-08262016	TO-15	8/26/2016	0740
16H036-11	SG02-5-08262016	TO-15	8/26/2016	0803
16H036-12	SG02-5-08262016 Dup	TO-15	8/26/2016	0810
16H036-13	SG02-15-08262016	TO-15	8/26/2016	0835
16H036-14	SG01-5-08262016	TO-15	8/26/2016	0930
16H036-15	SG01-15-08262016	TO-15	8/26/2016	0950

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 2, 2016

Client:	Chad Byrd	Work Order #:	16H036
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	08/26/16

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16H036-01	SG06-08252016 5'	E2091	1607-16	29.0	12.15	175	1608-06
16H036-02	SG06-15-08252016	1849	1607-17	29.0	10.43	179	1608-06
16H036-03	SG07-5-08252016	1831	1608-03	29.0	10.19	180	1608-06
16H036-04	SG07-15-08252016	E2365	1608-03	29.0	11.23	060	1608-06
16H036-05	SG03-5-08262016	1793	1608-03	29.0	12.23	205	1608-06
16H036-06	SG03-15-08262016	1876	1608-03	29.0	11.80	148	1608-06
16H036-07	SG04-15-08262016	0606	1608-03	29.0	12.53	172	1608-06
16H036-08	SG04-5-08262016	1812	1608-03	29.0	13.56	176	1608-06
16H036-09	SG05-5-08262016	E2353	1608-03	29.0	13.93	184	1608-06
16H036-10	SG05-15-08262016	1856	1608-04	29.0	12.10	174	1608-02
16H036-11	SG02-5-08262016	1884	1608-03	29.0	12.08	108	1608-01
16H036-12	SG02-5-08262016 Dup	1834	1608-03	29.0	13.66	214	1608-02
16H036-13	SG02-15-08262016	1846	1608-03	29.0	12.86	127	1608-02
16H036-14	SG01-5-08262016	E2363	1608-04	29.0	11.92	120	1608-02
16H036-15	SG01-15-08262016	E2090	1608-04	29.0	12.35	168	1608-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG06-08252016 5'
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	8/31/2016	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	8/31/2016	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,484	1,484		100	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	8/31/2016	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	8/31/2016	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	8/31/2016	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	106-46-7
1,4-Dioxane	< 200	200	< 720	720	L5	100	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 50	50	< 233	233		100	8/31/2016	540-84-1
2-Butanone (MEK)	< 500	500	< 1,475	1,475		100	8/31/2016	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5	100	8/31/2016	591-78-6
2-Propanol (IPA)	< 500	500	< 1,225	1,225	L5	100	8/31/2016	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050	L5	100	8/31/2016	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	8/31/2016	67-64-1
Allyl chloride	< 100	100	< 313	313		100	8/31/2016	107-05-1
Benzene	< 50	50	< 160	160		100	8/31/2016	71-43-2
Benzyl chloride	< 200	200	< 1,036	1,036		100	8/31/2016	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	8/31/2016	593-60-2
Bromoform	< 50	50	< 517	517		100	8/31/2016	75-25-2
Bromomethane	< 50	50	< 194	194		100	8/31/2016	74-83-9
Butyl benzene	< 100	100	< 549	549		100	8/31/2016	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	8/31/2016	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	8/31/2016	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	8/31/2016	108-90-7
Chloroethane	< 50	50	< 132	132		100	8/31/2016	75-00-3
Chloroform	< 50	50	< 244	244		100	8/31/2016	67-66-3
Chloromethane	< 100	100	< 207	207		100	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	8/31/2016	542-75-6
Cyclohexane	< 50	50	< 172	172		100	8/31/2016	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	8/31/2016	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	8/31/2016	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	8/31/2016	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG06-08252016 5'
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 50	50	< 205	205		100	8/31/2016	142-82-5
Hexachlorobutadiene	< 100	100	< 1,067	1,067		100	8/31/2016	87-68-3
Hexane	< 100	100	< 352	352		100	8/31/2016	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	8/31/2016	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	8/31/2016	1634-04-4
Methylcyclohexane	< 100	100	< 402	402		100	8/31/2016	108-87-2
Methylene chloride	< 200	200	< 694	694		100	8/31/2016	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	8/31/2016	91-20-3
Nonane	< 100	100	< 524	524		100	8/31/2016	111-84-2
Octane	< 100	100	< 467	467		100	8/31/2016	111-65-9
o-Xylene	< 50	50	< 217	217		100	8/31/2016	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	8/31/2016	115-07-1
Propylbenzene	< 100	100	< 492	492		100	8/31/2016	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	8/31/2016	135-98-8
Styrene	< 50	50	< 213	213		100	8/31/2016	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	8/31/2016	98-06-6
Tetrachloroethene	**2,050**	**100**	**13,900**	**678**		100	8/31/2016	127-18-4
Tetrahydrofuran	< 200	200	< 590	590	L5	100	8/31/2016	109-99-9
Toluene	< 50	50	< 189	189		100	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	8/31/2016	542-75-6
Trichloroethene	< 50	50	< 269	269		100	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	8/31/2016	76-13-1
Vinyl acetate	< 50	50	< 176	176		100	8/31/2016	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG06-15-08252016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	8/31/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	8/31/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	8/31/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	8/31/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	8/31/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	8/31/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	8/31/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	L5	200	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	8/31/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	8/31/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5	200	8/31/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450	L5	200	8/31/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100	L5	200	8/31/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	8/31/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	8/31/2016	107-05-1
Benzene	< 100	100	< 319	319		200	8/31/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	8/31/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	8/31/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	8/31/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	8/31/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	8/31/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	8/31/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	8/31/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	8/31/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	8/31/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	8/31/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	8/31/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	8/31/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	8/31/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	L5	200	8/31/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	8/31/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG06-15-08252016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	8/31/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	8/31/2016	87-68-3
Hexane	< 200	200	< 704	704		200	8/31/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	8/31/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	8/31/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	8/31/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	8/31/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	8/31/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	8/31/2016	111-84-2
Octane	< 200	200	< 934	934		200	8/31/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	8/31/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	8/31/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	8/31/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	8/31/2016	135-98-8
Styrene	< 100	100	< 426	426		200	8/31/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	8/31/2016	98-06-6
Tetrachloroethene	**3,130**	**200**	**21,220**	**1,356**		200	8/31/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180	L5	200	8/31/2016	109-99-9
Toluene	< 100	100	< 377	377		200	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	8/31/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	8/31/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	8/31/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	106	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	SG07-5-08252016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 25	25	< 137	137		50	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 25	25	< 172	172		50	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 25	25	< 137	137		50	8/31/2016	79-00-5
1,1-Dichloroethane	< 25	25	< 101	101		50	8/31/2016	75-34-3
1,1-Dichloroethene	< 25	25	< 99.3	99.3		50	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 100	100	< 742	742		50	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 25	25	< 123	123		50	8/31/2016	95-63-6
1,2-Dibromoethane	< 25	25	< 192	192		50	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 25	25	< 150	150		50	8/31/2016	95-50-1
1,2-Dichloroethane	< 25	25	< 101	101		50	8/31/2016	107-06-2
1,2-Dichloropropane	< 25	25	< 116	116		50	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 25	25	< 123	123		50	8/31/2016	108-67-8
1,3-Butadiene	< 25	25	< 55	55		50	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 25	25	< 150	150		50	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 25	25	< 150	150		50	8/31/2016	106-46-7
1,4-Dioxane	< 100	100	< 360	360	L5	50	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 25	25	< 117	117		50	8/31/2016	540-84-1
2-Butanone (MEK)	< 250	250	< 738	738		50	8/31/2016	78-93-3
2-Hexanone	< 250	250	< 1,025	1,025	L5	50	8/31/2016	591-78-6
2-Propanol (IPA)	< 250	250	< 613	613	L5	50	8/31/2016	67-63-0
4-Ethyltoluene	< 50	50	< 246	246		50	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 250	250	< 1,025	1,025	L5	50	8/31/2016	108-10-1
Acetone	< 250	250	< 595	595		50	8/31/2016	67-64-1
Allyl chloride	< 50	50	< 157	157		50	8/31/2016	107-05-1
Benzene	< 25	25	< 79.8	79.8		50	8/31/2016	71-43-2
Benzyl chloride	< 100	100	< 518	518		50	8/31/2016	100-44-7
Bromodichloromethane	< 25	25	< 168	168		50	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 25	25	< 109	109		50	8/31/2016	593-60-2
Bromoform	< 25	25	< 259	259		50	8/31/2016	75-25-2
Bromomethane	< 25	25	< 97.0	97.0		50	8/31/2016	74-83-9
Butyl benzene	< 50	50	< 275	275		50	8/31/2016	104-51-8
Carbon disulfide	< 100	100	< 311	311		50	8/31/2016	75-15-0
Carbon tetrachloride	< 25	25	< 157	157		50	8/31/2016	56-23-5
Chlorobenzene	< 25	25	< 115	115		50	8/31/2016	108-90-7
Chloroethane	< 25	25	< 66.0	66.0		50	8/31/2016	75-00-3
Chloroform	**90**	**25**	**437**	**122**		50	8/31/2016	67-66-3
Chloromethane	< 50	50	< 104	104		50	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 25	25	< 99.0	99.0		50	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 25	25	< 114	114		50	8/31/2016	542-75-6
Cyclohexane	< 25	25	< 86.0	86.0		50	8/31/2016	110-82-7
Dibromochloromethane	< 25	25	< 213	213		50	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 50	50	< 248	248		50	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 25	25	< 175	175		50	8/31/2016	76-14-2
Ethanol	< 250	250	< 470	470	L5	50	8/31/2016	64-17-5
Ethyl Acetate	< 25	25	< 90.0	90.0		50	8/31/2016	141-78-6
Ethylbenzene	< 25	25	< 109	109		50	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	SG07-5-08252016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 25	25	< 103	103		50	8/31/2016	142-82-5
Hexachlorobutadiene	< 50	50	< 534	534		50	8/31/2016	87-68-3
Hexane	< 50	50	< 176	176		50	8/31/2016	110-54-3
Isopropylbenzene	< 50	50	< 246	246		50	8/31/2016	98-82-8
m&p-Xylene	< 50	50	< 217	217		50	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 100	100	< 361	361		50	8/31/2016	1634-04-4
Methylcyclohexane	< 50	50	< 201	201		50	8/31/2016	108-87-2
Methylene chloride	< 100	100	< 347	347		50	8/31/2016	75-09-2
Naphthalene	< 250	250	< 1,310	1,310		50	8/31/2016	91-20-3
Nonane	< 50	50	< 262	262		50	8/31/2016	111-84-2
Octane	< 50	50	< 234	234		50	8/31/2016	111-65-9
o-Xylene	< 25	25	< 109	109		50	8/31/2016	95-47-6
Propene (Propylene)	< 50	50	< 86.0	86.0		50	8/31/2016	115-07-1
Propylbenzene	< 50	50	< 246	246		50	8/31/2016	103-65-1
Sec-Butyl benzene	< 50	50	< 275	275		50	8/31/2016	135-98-8
Styrene	< 25	25	< 107	107		50	8/31/2016	100-42-5
Tert-Butyl benzene	< 50	50	< 275	275		50	8/31/2016	98-06-6
Tetrachloroethene	**682**	**50**	**4,621**	**339**		50	8/31/2016	127-18-4
Tetrahydrofuran	< 100	100	< 295	295	L5	50	8/31/2016	109-99-9
Toluene	**45**	**25**	**168**	**94.3**		50	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 25	25	< 99.0	99.0		50	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 25	25	< 114	114		50	8/31/2016	542-75-6
Trichloroethene	< 25	25	< 134	134		50	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 25	25	< 141	141		50	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 25	25	< 192	192		50	8/31/2016	76-13-1
Vinyl acetate	< 25	25	< 88.0	88.0		50	8/31/2016	108-05-4
Vinyl chloride	< 25	25	< 64.0	64.0		50	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	104	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG07-15-08252016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 25	25	< 137	137		50	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 25	25	< 172	172		50	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 25	25	< 137	137		50	8/31/2016	79-00-5
1,1-Dichloroethane	< 25	25	< 101	101		50	8/31/2016	75-34-3
1,1-Dichloroethene	< 25	25	< 99.3	99.3		50	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 100	100	< 742	742		50	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 25	25	< 123	123		50	8/31/2016	95-63-6
1,2-Dibromoethane	< 25	25	< 192	192		50	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 25	25	< 150	150		50	8/31/2016	95-50-1
1,2-Dichloroethane	< 25	25	< 101	101		50	8/31/2016	107-06-2
1,2-Dichloropropane	< 25	25	< 116	116		50	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 25	25	< 123	123		50	8/31/2016	108-67-8
1,3-Butadiene	< 25	25	< 55.3	55.3		50	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 25	25	< 150	150		50	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 25	25	< 150	150		50	8/31/2016	106-46-7
1,4-Dioxane	< 100	100	< 360	360	L5	50	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 25	25	< 117	117		50	8/31/2016	540-84-1
2-Butanone (MEK)	< 250	250	< 738	738		50	8/31/2016	78-93-3
2-Hexanone	< 250	250	< 1,025	1,025	L5	50	8/31/2016	591-78-6
2-Propanol (IPA)	< 250	250	< 613	613	L5	50	8/31/2016	67-63-0
4-Ethyltoluene	< 50	50	< 246	246		50	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 250	250	< 1,025	1,025	L5	50	8/31/2016	108-10-1
Acetone	< 250	250	< 595	595		50	8/31/2016	67-64-1
Allyl chloride	< 50	50	< 157	157		50	8/31/2016	107-05-1
Benzene	< 25	25	< 79.8	79.8		50	8/31/2016	71-43-2
Benzyl chloride	< 100	100	< 518	518		50	8/31/2016	100-44-7
Bromodichloromethane	**37**	**25**	**245**	**168**		50	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 25	25	< 109	109		50	8/31/2016	593-60-2
Bromoform	< 25	25	< 259	259		50	8/31/2016	75-25-2
Bromomethane	< 25	25	< 97.0	97.0		50	8/31/2016	74-83-9
Butyl benzene	< 50	50	< 275	275		50	8/31/2016	104-51-8
Carbon disulfide	< 100	100	< 311	311		50	8/31/2016	75-15-0
Carbon tetrachloride	< 25	25	< 157	157		50	8/31/2016	56-23-5
Chlorobenzene	< 25	25	< 115	115		50	8/31/2016	108-90-7
Chloroethane	< 25	25	< 66.0	66.0		50	8/31/2016	75-00-3
Chloroform	**180**	**25**	**876**	**122**		50	8/31/2016	67-66-3
Chloromethane	< 50	50	< 104	104		50	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 25	25	< 99.0	99.0		50	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 25	25	< 114	114		50	8/31/2016	542-75-6
Cyclohexane	< 25	25	< 86.0	86.0		50	8/31/2016	110-82-7
Dibromochloromethane	< 25	25	< 213	213		50	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 50	50	< 248	248		50	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 25	25	< 175	175		50	8/31/2016	76-14-2
Ethanol	< 250	250	< 470	470	L5	50	8/31/2016	64-17-5
Ethyl Acetate	< 25	25	< 90.0	90.0		50	8/31/2016	141-78-6
Ethylbenzene	< 25	25	< 109	109		50	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG07-15-08252016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/25/2016
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 25	25	< 103	103		50	8/31/2016	142-82-5
Hexachlorobutadiene	< 50	50	< 534	534		50	8/31/2016	87-68-3
Hexane	< 50	50	< 176	176		50	8/31/2016	110-54-3
Isopropylbenzene	< 50	50	< 246	246		50	8/31/2016	98-82-8
m&p-Xylene	< 50	50	< 217	217		50	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 100	100	< 361	361		50	8/31/2016	1634-04-4
Methylcyclohexane	< 50	50	< 201	201		50	8/31/2016	108-87-2
Methylene chloride	< 100	100	< 347	347		50	8/31/2016	75-09-2
Naphthalene	< 250	250	< 1,310	1,310		50	8/31/2016	91-20-3
Nonane	< 50	50	< 262	262		50	8/31/2016	111-84-2
Octane	< 50	50	< 234	234		50	8/31/2016	111-65-9
o-Xylene	< 25	25	< 109	109		50	8/31/2016	95-47-6
Propene (Propylene)	< 50	50	< 86.0	86.0		50	8/31/2016	115-07-1
Propylbenzene	< 50	50	< 246	246		50	8/31/2016	103-65-1
Sec-Butyl benzene	< 50	50	< 275	275		50	8/31/2016	135-98-8
Styrene	< 25	25	< 107	107		50	8/31/2016	100-42-5
Tert-Butyl benzene	< 50	50	< 275	275		50	8/31/2016	98-06-6
Tetrachloroethene	**1,320**	**50**	**8,950**	**339**		50	8/31/2016	127-18-4
Tetrahydrofuran	< 100	100	< 295	295	L5	50	8/31/2016	109-99-9
Toluene	< 25	25	< 94.3	94.3		50	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 25	25	< 99.0	99.0		50	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 25	25	< 114	114		50	8/31/2016	542-75-6
Trichloroethene	< 25	25	< 134	134		50	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 25	25	< 141	141		50	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 25	25	< 192	192		50	8/31/2016	76-13-1
Vinyl acetate	< 25	25	< 88.0	88.0		50	8/31/2016	108-05-4
Vinyl chloride	< 25	25	< 64.0	64.0		50	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG03-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/1/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/1/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/1/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/1/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/1/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	9/1/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/1/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/1/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/1/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/1/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/1/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/1/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/1/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/1/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/1/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	L5	200	9/1/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	9/1/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/1/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5	200	9/1/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450	L5	200	9/1/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/1/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100	L5	200	9/1/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/1/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/1/2016	107-05-1
Benzene	< 100	100	< 319	319		200	9/1/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	9/1/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/1/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/1/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	9/1/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/1/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	9/1/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	9/1/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/1/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/1/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/1/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	9/1/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/1/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/1/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/1/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	9/1/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/1/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/1/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/1/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	L5	200	9/1/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/1/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	9/1/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	SG03-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	9/1/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	9/1/2016	87-68-3
Hexane	< 200	200	< 704	704		200	9/1/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/1/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/1/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	9/1/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	9/1/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	9/1/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/1/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	9/1/2016	111-84-2
Octane	< 200	200	< 934	934		200	9/1/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/1/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/1/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/1/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	9/1/2016	135-98-8
Styrene	< 100	100	< 426	426		200	9/1/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	9/1/2016	98-06-6
Tetrachloroethene	**4,880**	**200**	**33,090**	**1,356**		200	9/1/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180	L5	200	9/1/2016	109-99-9
Toluene	< 100	100	< 377	377		200	9/1/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/1/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/1/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	9/1/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/1/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/1/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/1/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/1/2016	75-01-4
Surr: 4-Bromofluorobenzene	117	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	SG03-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 250	250	< 1,365	1,365		500	9/1/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 250	250	< 1,718	1,718		500	9/1/2016	79-34-5
1,1,2-Trichloroethane	< 250	250	< 1,365	1,365		500	9/1/2016	79-00-5
1,1-Dichloroethane	< 250	250	< 1,013	1,013		500	9/1/2016	75-34-3
1,1-Dichloroethene	< 250	250	< 993	993		500	9/1/2016	75-35-4
1,2,4-Trichlorobenzene	< 1,000	1,000	< 7,420	7,420		500	9/1/2016	120-82-1
1,2,4-Trimethylbenzene	< 250	250	< 1,230	1,230		500	9/1/2016	95-63-6
1,2-Dibromoethane	< 250	250	< 1,920	1,920		500	9/1/2016	106-93-4
1,2-Dichlorobenzene	< 250	250	< 1,503	1,503		500	9/1/2016	95-50-1
1,2-Dichloroethane	< 250	250	< 1,013	1,013		500	9/1/2016	107-06-2
1,2-Dichloropropane	< 250	250	< 1,155	1,155		500	9/1/2016	78-87-5
1,3,5-Trimethylbenzene	< 250	250	< 1,230	1,230		500	9/1/2016	108-67-8
1,3-Butadiene	< 250	250	< 553	553		500	9/1/2016	106-99-0
1,3-Dichlorobenzene	< 250	250	< 1,503	1,503		500	9/1/2016	541-73-1
1,4-Dichlorobenzene	< 250	250	< 1,503	1,503		500	9/1/2016	106-46-7
1,4-Dioxane	< 1,000	1,000	< 3,600	3,600	L5	500	9/1/2016	123-91-1
2,2,4-Trimethylpentane	< 250	250	< 1,165	1,165		500	9/1/2016	540-84-1
2-Butanone (MEK)	< 2,500	2,500	< 7,375	7,375		500	9/1/2016	78-93-3
2-Hexanone	< 2,500	2,500	< 10,250	10,250	L5	500	9/1/2016	591-78-6
2-Propanol (IPA)	< 2,500	2,500	< 6,125	6,125	L5	500	9/1/2016	67-63-0
4-Ethyltoluene	< 500	500	< 2,460	2,460		500	9/1/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 2,500	2,500	< 10,250	10,250	L5	500	9/1/2016	108-10-1
Acetone	< 2,500	2,500	< 5,950	5,950		500	9/1/2016	67-64-1
Allyl chloride	< 500	500	< 1,565	1,565		500	9/1/2016	107-05-1
Benzene	< 250	250	< 798	798		500	9/1/2016	71-43-2
Benzyl chloride	< 1,000	1,000	< 5,180	5,180		500	9/1/2016	100-44-7
Bromodichloromethane	< 250	250	< 1,675	1,675		500	9/1/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 250	250	< 1,093	1,093		500	9/1/2016	593-60-2
Bromoform	< 250	250	< 2,585	2,585		500	9/1/2016	75-25-2
Bromomethane	< 250	250	< 970	970		500	9/1/2016	74-83-9
Butyl benzene	< 500	500	< 2,745	2,745		500	9/1/2016	104-51-8
Carbon disulfide	< 1,000	1,000	< 3,110	3,110		500	9/1/2016	75-15-0
Carbon tetrachloride	< 250	250	< 1,573	1,573		500	9/1/2016	56-23-5
Chlorobenzene	< 250	250	< 1,150	1,150		500	9/1/2016	108-90-7
Chloroethane	< 250	250	< 660	660		500	9/1/2016	75-00-3
Chloroform	< 250	250	< 1,220	1,220		500	9/1/2016	67-66-3
Chloromethane	< 500	500	< 1,035	1,035		500	9/1/2016	74-87-3
cis-1,2-Dichloroethene	< 250	250	< 990	990		500	9/1/2016	156-59-2
cis-1,3-Dichloropropene	< 250	250	< 1,135	1,135		500	9/1/2016	542-75-6
Cyclohexane	< 250	250	< 860	860		500	9/1/2016	110-82-7
Dibromochloromethane	< 250	250	< 2,130	2,130		500	9/1/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 500	500	< 2,475	2,475		500	9/1/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 250	250	< 1,748	1,748		500	9/1/2016	76-14-2
Ethanol	< 2,500	2,500	< 4,700	4,700	L5	500	9/1/2016	64-17-5
Ethyl Acetate	< 250	250	< 900	900		500	9/1/2016	141-78-6
Ethylbenzene	< 250	250	< 1,085	1,085		500	9/1/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG03-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 250	250	< 1,025	1,025		500	9/1/2016	142-82-5
Hexachlorobutadiene	< 500	500	< 5,335	5,335		500	9/1/2016	87-68-3
Hexane	< 500	500	< 1,760	1,760		500	9/1/2016	110-54-3
Isopropylbenzene	< 500	500	< 2,460	2,460		500	9/1/2016	98-82-8
m&p-Xylene	< 500	500	< 2,170	2,170		500	9/1/2016	179601-23-1
Methyl tert-butyl ether	< 1,000	1,000	< 3,610	3,610		500	9/1/2016	1634-04-4
Methylcyclohexane	< 500	500	< 2,010	2,010		500	9/1/2016	108-87-2
Methylene chloride	< 1,000	1,000	< 3,470	3,470		500	9/1/2016	75-09-2
Naphthalene	< 2,500	2,500	< 13,100	13,100		500	9/1/2016	91-20-3
Nonane	< 500	500	< 2,620	2,620		500	9/1/2016	111-84-2
Octane	< 500	500	< 2,335	2,335		500	9/1/2016	111-65-9
o-Xylene	< 250	250	< 1,085	1,085		500	9/1/2016	95-47-6
Propene (Propylene)	< 500	500	< 860	860		500	9/1/2016	115-07-1
Propylbenzene	< 500	500	< 2,460	2,460		500	9/1/2016	103-65-1
Sec-Butyl benzene	< 500	500	< 2,745	2,745		500	9/1/2016	135-98-8
Styrene	< 250	250	< 1,065	1,065		500	9/1/2016	100-42-5
Tert-Butyl benzene	< 500	500	< 2,745	2,745		500	9/1/2016	98-06-6
Tetrachloroethene	**12,700**	**500**	**86,110**	**3,390**		500	9/1/2016	127-18-4
Tetrahydrofuran	< 1,000	1,000	< 2,950	2,950	L5	500	9/1/2016	109-99-9
Toluene	< 250	250	< 943	943		500	9/1/2016	108-88-3
trans-1,2-Dichloroethene	< 250	250	< 990	990		500	9/1/2016	156-60-5
trans-1,3-Dichloropropene	< 250	250	< 1,135	1,135		500	9/1/2016	542-75-6
Trichloroethene	< 250	250	< 1,343	1,343		500	9/1/2016	79-01-6
Trichlorofluoromethane(F-11)	< 250	250	< 1,405	1,405		500	9/1/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 250	250	< 1,915	1,915		500	9/1/2016	76-13-1
Vinyl acetate	< 250	250	< 880	880		500	9/1/2016	108-05-4
Vinyl chloride	< 250	250	< 640	640		500	9/1/2016	75-01-4
Surr: 4-Bromofluorobenzene	118	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	SG04-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/1/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/1/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/1/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/1/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/1/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	9/1/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/1/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/1/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/1/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/1/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/1/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/1/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/1/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/1/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/1/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	L5	200	9/1/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	9/1/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/1/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5	200	9/1/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450	L5	200	9/1/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/1/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100	L5	200	9/1/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/1/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/1/2016	107-05-1
Benzene	< 100	100	< 319	319		200	9/1/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	9/1/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/1/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/1/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	9/1/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/1/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	9/1/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	9/1/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/1/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/1/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/1/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	9/1/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/1/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/1/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/1/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	9/1/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/1/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/1/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/1/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	L5	200	9/1/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/1/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	9/1/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	SG04-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	9/1/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	9/1/2016	87-68-3
Hexane	< 200	200	< 704	704		200	9/1/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/1/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/1/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	9/1/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	9/1/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	9/1/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/1/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	9/1/2016	111-84-2
Octane	< 200	200	< 934	934		200	9/1/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/1/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/1/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/1/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	9/1/2016	135-98-8
Styrene	< 100	100	< 426	426		200	9/1/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	9/1/2016	98-06-6
Tetrachloroethene	**4,280**	**200**	**29,020**	**1,356**		200	9/1/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180	L5	200	9/1/2016	109-99-9
Toluene	< 100	100	< 377	377		200	9/1/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/1/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/1/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	9/1/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/1/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/1/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/1/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/1/2016	75-01-4
Surr: 4-Bromofluorobenzene	122	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	SG04-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	9/1/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	9/1/2016	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	9/1/2016	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	9/1/2016	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	9/1/2016	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,484	1,484		100	9/1/2016	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	9/1/2016	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	9/1/2016	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	9/1/2016	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	9/1/2016	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	9/1/2016	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	9/1/2016	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	9/1/2016	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	9/1/2016	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	9/1/2016	106-46-7
1,4-Dioxane	< 200	200	< 720	720	L5	100	9/1/2016	123-91-1
2,2,4-Trimethylpentane	< 50	50	< 233	233		100	9/1/2016	540-84-1
2-Butanone (MEK)	< 500	500	< 1,475	1,475		100	9/1/2016	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5	100	9/1/2016	591-78-6
2-Propanol (IPA)	< 500	500	< 1,225	1,225	L5	100	9/1/2016	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	9/1/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050	L5	100	9/1/2016	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	9/1/2016	67-64-1
Allyl chloride	< 100	100	< 313	313		100	9/1/2016	107-05-1
Benzene	< 50	50	< 160	160		100	9/1/2016	71-43-2
Benzyl chloride	< 200	200	< 1,036	1,036		100	9/1/2016	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	9/1/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	9/1/2016	593-60-2
Bromoform	< 50	50	< 517	517		100	9/1/2016	75-25-2
Bromomethane	< 50	50	< 194	194		100	9/1/2016	74-83-9
Butyl benzene	< 100	100	< 549	549		100	9/1/2016	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	9/1/2016	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	9/1/2016	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	9/1/2016	108-90-7
Chloroethane	< 50	50	< 132	132		100	9/1/2016	75-00-3
Chloroform	< 50	50	< 244	244		100	9/1/2016	67-66-3
Chloromethane	< 100	100	< 207	207		100	9/1/2016	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	9/1/2016	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	9/1/2016	542-75-6
Cyclohexane	< 50	50	< 172	172		100	9/1/2016	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	9/1/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	9/1/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	9/1/2016	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	9/1/2016	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	9/1/2016	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	9/1/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG04-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 50	50	< 205	205		100	9/1/2016	142-82-5
Hexachlorobutadiene	< 100	100	< 1,067	1,067		100	9/1/2016	87-68-3
Hexane	< 100	100	< 352	352		100	9/1/2016	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	9/1/2016	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	9/1/2016	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	9/1/2016	1634-04-4
Methylcyclohexane	< 100	100	< 402	402		100	9/1/2016	108-87-2
Methylene chloride	< 200	200	< 694	694		100	9/1/2016	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	9/1/2016	91-20-3
Nonane	< 100	100	< 524	524		100	9/1/2016	111-84-2
Octane	< 100	100	< 467	467		100	9/1/2016	111-65-9
o-Xylene	< 50	50	< 217	217		100	9/1/2016	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	9/1/2016	115-07-1
Propylbenzene	< 100	100	< 492	492		100	9/1/2016	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	9/1/2016	135-98-8
Styrene	< 50	50	< 213	213		100	9/1/2016	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	9/1/2016	98-06-6
Tetrachloroethene	**2,810**	**100**	**19,050**	**678**		100	9/1/2016	127-18-4
Tetrahydrofuran	< 200	200	< 590	590	L5	100	9/1/2016	109-99-9
Toluene	< 50	50	< 189	189		100	9/1/2016	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	9/1/2016	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	9/1/2016	542-75-6
Trichloroethene	< 50	50	< 269	269		100	9/1/2016	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	9/1/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	9/1/2016	76-13-1
Vinyl acetate	< 50	50	< 176	176		100	9/1/2016	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	9/1/2016	75-01-4
Surr: 4-Bromofluorobenzene	119	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG05-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 500	500	< 2,730	2,730		1000	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 500	500	< 3,435	3,435		1000	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 500	500	< 2,730	2,730		1000	8/31/2016	79-00-5
1,1-Dichloroethane	< 500	500	< 2,025	2,025		1000	8/31/2016	75-34-3
1,1-Dichloroethene	< 500	500	< 1,985	1,985		1000	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 2,000	2,000	< 14,840	14,840		1000	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 500	500	< 2,460	2,460		1000	8/31/2016	95-63-6
1,2-Dibromoethane	< 500	500	< 3,840	3,840		1000	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 500	500	< 3,005	3,005		1000	8/31/2016	95-50-1
1,2-Dichloroethane	< 500	500	< 2,025	2,025		1000	8/31/2016	107-06-2
1,2-Dichloropropane	< 500	500	< 2,310	2,310		1000	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 500	500	< 2,460	2,460		1000	8/31/2016	108-67-8
1,3-Butadiene	< 500	500	< 1,105	1,105		1000	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 500	500	< 3,005	3,005		1000	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 500	500	< 3,005	3,005		1000	8/31/2016	106-46-7
1,4-Dioxane	< 2,000	2,000	< 7,200	7,200	L5	1000	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 500	500	< 2,330	2,330		1000	8/31/2016	540-84-1
2-Butanone (MEK)	< 5,000	5,000	< 14,750	14,750		1000	8/31/2016	78-93-3
2-Hexanone	< 5,000	5,000	< 20,500	20,500	L5	1000	8/31/2016	591-78-6
2-Propanol (IPA)	< 5,000	5,000	< 12,250	12,250	L5	1000	8/31/2016	67-63-0
4-Ethyltoluene	< 1,000	1,000	< 4,920	4,920		1000	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5,000	5,000	< 20,500	20,500	L5	1000	8/31/2016	108-10-1
Acetone	< 5,000	5,000	< 11,900	11,900		1000	8/31/2016	67-64-1
Allyl chloride	< 1,000	1,000	< 3,130	3,130		1000	8/31/2016	107-05-1
Benzene	< 500	500	< 1,595	1,595		1000	8/31/2016	71-43-2
Benzyl chloride	< 2,000	2,000	< 10,360	10,360		1000	8/31/2016	100-44-7
Bromodichloromethane	< 500	500	< 3,350	3,350		1000	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 500	500	< 2,185	2,185		1000	8/31/2016	593-60-2
Bromoform	< 500	500	< 5,170	5,170		1000	8/31/2016	75-25-2
Bromomethane	< 500	500	< 1,940	1,940		1000	8/31/2016	74-83-9
Butyl benzene	< 1,000	1,000	< 5,490	5,490		1000	8/31/2016	104-51-8
Carbon disulfide	< 2,000	2,000	< 6,220	6,220		1000	8/31/2016	75-15-0
Carbon tetrachloride	< 500	500	< 3,145	3,145		1000	8/31/2016	56-23-5
Chlorobenzene	< 500	500	< 2,300	2,300		1000	8/31/2016	108-90-7
Chloroethane	< 500	500	< 1,320	1,320		1000	8/31/2016	75-00-3
Chloroform	< 500	500	< 2,440	2,440		1000	8/31/2016	67-66-3
Chloromethane	< 1,000	1,000	< 2,070	2,070		1000	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1000	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1000	8/31/2016	542-75-6
Cyclohexane	< 500	500	< 1,720	1,720		1000	8/31/2016	110-82-7
Dibromochloromethane	< 500	500	< 4,260	4,260		1000	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1,000	1,000	< 4,950	4,950		1000	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 500	500	< 3,495	3,495		1000	8/31/2016	76-14-2
Ethanol	< 5,000	5,000	< 9,400	9,400	L5	1000	8/31/2016	64-17-5
Ethyl Acetate	< 500	500	< 1,800	1,800		1000	8/31/2016	141-78-6
Ethylbenzene	< 500	500	< 2,170	2,170		1000	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG05-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 500	500	< 2,050	2,050		1000	8/31/2016	142-82-5
Hexachlorobutadiene	< 1,000	1,000	< 10,670	10,670		1000	8/31/2016	87-68-3
Hexane	< 1,000	1,000	< 3,520	3,520		1000	8/31/2016	110-54-3
Isopropylbenzene	< 1,000	1,000	< 4,920	4,920		1000	8/31/2016	98-82-8
m&p-Xylene	< 1,000	1,000	< 4,340	4,340		1000	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 2,000	2,000	< 7,220	7,220		1000	8/31/2016	1634-04-4
Methylcyclohexane	< 1,000	1,000	< 4,020	4,020		1000	8/31/2016	108-87-2
Methylene chloride	< 2,000	2,000	< 6,940	6,940		1000	8/31/2016	75-09-2
Naphthalene	< 5,000	5,000	< 26,200	26,200		1000	8/31/2016	91-20-3
Nonane	< 1,000	1,000	< 5,240	5,240		1000	8/31/2016	111-84-2
Octane	< 1,000	1,000	< 4,670	4,670		1000	8/31/2016	111-65-9
o-Xylene	< 500	500	< 2,170	2,170		1000	8/31/2016	95-47-6
Propene (Propylene)	< 1,000	1,000	< 1,720	1,720		1000	8/31/2016	115-07-1
Propylbenzene	< 1,000	1,000	< 4,920	4,920		1000	8/31/2016	103-65-1
Sec-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1000	8/31/2016	135-98-8
Styrene	< 500	500	< 2,130	2,130		1000	8/31/2016	100-42-5
Tert-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1000	8/31/2016	98-06-6
Tetrachloroethene	**9,340**	**1,000**	**63,330**	**6,780**		1000	8/31/2016	127-18-4
Tetrahydrofuran	< 2,000	2,000	< 5,900	5,900	L5	1000	8/31/2016	109-99-9
Toluene	< 500	500	< 1,885	1,885		1000	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1000	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1000	8/31/2016	542-75-6
Trichloroethene	< 500	500	< 2,685	2,685		1000	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 500	500	< 2,810	2,810		1000	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 500	500	< 3,830	3,830		1000	8/31/2016	76-13-1
Vinyl acetate	< 500	500	< 1,760	1,760		1000	8/31/2016	108-05-4
Vinyl chloride	< 500	500	< 1,280	1,280		1000	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	115	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG05-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 500	500	< 2,730	2,730		1000	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 500	500	< 3,435	3,435		1000	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 500	500	< 2,730	2,730		1000	8/31/2016	79-00-5
1,1-Dichloroethane	< 500	500	< 2,025	2,025		1000	8/31/2016	75-34-3
1,1-Dichloroethene	< 500	500	< 1,985	1,985		1000	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 2,000	2,000	< 14,840	14,840		1000	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 500	500	< 2,460	2,460		1000	8/31/2016	95-63-6
1,2-Dibromoethane	< 500	500	< 3,840	3,840		1000	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 500	500	< 3,005	3,005		1000	8/31/2016	95-50-1
1,2-Dichloroethane	< 500	500	< 2,025	2,025		1000	8/31/2016	107-06-2
1,2-Dichloropropane	< 500	500	< 2,310	2,310		1000	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 500	500	< 2,460	2,460		1000	8/31/2016	108-67-8
1,3-Butadiene	< 500	500	< 1,105	1,105		1000	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 500	500	< 3,005	3,005		1000	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 500	500	< 3,005	3,005		1000	8/31/2016	106-46-7
1,4-Dioxane	< 2,000	2,000	< 7,200	7,200	L5	1000	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 500	500	< 2,330	2,330		1000	8/31/2016	540-84-1
2-Butanone (MEK)	< 5,000	5,000	< 14,750	14,750		1000	8/31/2016	78-93-3
2-Hexanone	< 5,000	5,000	< 20,500	20,500	L5	1000	8/31/2016	591-78-6
2-Propanol (IPA)	< 5,000	5,000	< 12,250	12,250	L5	1000	8/31/2016	67-63-0
4-Ethyltoluene	< 1,000	1,000	< 4,920	4,920		1000	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5,000	5,000	< 20,500	20,500	L5	1000	8/31/2016	108-10-1
Acetone	< 5,000	5,000	< 11,900	11,900		1000	8/31/2016	67-64-1
Allyl chloride	< 1,000	1,000	< 3,130	3,130		1000	8/31/2016	107-05-1
Benzene	< 500	500	< 1,595	1,595		1000	8/31/2016	71-43-2
Benzyl chloride	< 2,000	2,000	< 10,360	10,360		1000	8/31/2016	100-44-7
Bromodichloromethane	< 500	500	< 3,350	3,350		1000	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 500	500	< 2,185	2,185		1000	8/31/2016	593-60-2
Bromoform	< 500	500	< 5,170	5,170		1000	8/31/2016	75-25-2
Bromomethane	< 500	500	< 1,940	1,940		1000	8/31/2016	74-83-9
Butyl benzene	< 1,000	1,000	< 5,490	5,490		1000	8/31/2016	104-51-8
Carbon disulfide	< 2,000	2,000	< 6,220	6,220		1000	8/31/2016	75-15-0
Carbon tetrachloride	< 500	500	< 3,145	3,145		1000	8/31/2016	56-23-5
Chlorobenzene	< 500	500	< 2,300	2,300		1000	8/31/2016	108-90-7
Chloroethane	< 500	500	< 1,320	1,320		1000	8/31/2016	75-00-3
Chloroform	< 500	500	< 2,440	2,440		1000	8/31/2016	67-66-3
Chloromethane	< 1,000	1,000	< 2,070	2,070		1000	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1000	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1000	8/31/2016	542-75-6
Cyclohexane	< 500	500	< 1,720	1,720		1000	8/31/2016	110-82-7
Dibromochloromethane	< 500	500	< 4,260	4,260		1000	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1,000	1,000	< 4,950	4,950		1000	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 500	500	< 3,495	3,495		1000	8/31/2016	76-14-2
Ethanol	< 5,000	5,000	< 9,400	9,400	L5	1000	8/31/2016	64-17-5
Ethyl Acetate	< 500	500	< 1,800	1,800		1000	8/31/2016	141-78-6
Ethylbenzene	< 500	500	< 2,170	2,170		1000	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG05-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 500	500	< 2,050	2,050		1000	8/31/2016	142-82-5
Hexachlorobutadiene	< 1,000	1,000	< 10,670	10,670		1000	8/31/2016	87-68-3
Hexane	< 1,000	1,000	< 3,520	3,520		1000	8/31/2016	110-54-3
Isopropylbenzene	< 1,000	1,000	< 4,920	4,920		1000	8/31/2016	98-82-8
m&p-Xylene	< 1,000	1,000	< 4,340	4,340		1000	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 2,000	2,000	< 7,220	7,220		1000	8/31/2016	1634-04-4
Methylcyclohexane	< 1,000	1,000	< 4,020	4,020		1000	8/31/2016	108-87-2
Methylene chloride	< 2,000	2,000	< 6,940	6,940		1000	8/31/2016	75-09-2
Naphthalene	< 5,000	5,000	< 26,200	26,200		1000	8/31/2016	91-20-3
Nonane	< 1,000	1,000	< 5,240	5,240		1000	8/31/2016	111-84-2
Octane	< 1,000	1,000	< 4,670	4,670		1000	8/31/2016	111-65-9
o-Xylene	< 500	500	< 2,170	2,170		1000	8/31/2016	95-47-6
Propene (Propylene)	< 1,000	1,000	< 1,720	1,720		1000	8/31/2016	115-07-1
Propylbenzene	< 1,000	1,000	< 4,920	4,920		1000	8/31/2016	103-65-1
Sec-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1000	8/31/2016	135-98-8
Styrene	< 500	500	< 2,130	2,130		1000	8/31/2016	100-42-5
Tert-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1000	8/31/2016	98-06-6
Tetrachloroethene	**19,200**	**1,000**	**130,200**	**6,780**		1000	8/31/2016	127-18-4
Tetrahydrofuran	< 2,000	2,000	< 5,900	5,900	L5	1000	8/31/2016	109-99-9
Toluene	< 500	500	< 1,885	1,885		1000	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1000	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1000	8/31/2016	542-75-6
Trichloroethene	< 500	500	< 2,685	2,685		1000	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 500	500	< 2,810	2,810		1000	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 500	500	< 3,830	3,830		1000	8/31/2016	76-13-1
Vinyl acetate	< 500	500	< 1,760	1,760		1000	8/31/2016	108-05-4
Vinyl chloride	< 500	500	< 1,280	1,280		1000	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	116	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG02-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	8/31/2016	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	8/31/2016	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,484	1,484		100	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	8/31/2016	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	8/31/2016	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	8/31/2016	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	106-46-7
1,4-Dioxane	< 200	200	< 720	720	L5	100	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 50	50	< 233	233		100	8/31/2016	540-84-1
2-Butanone (MEK)	< 500	500	< 1,475	1,475		100	8/31/2016	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5	100	8/31/2016	591-78-6
2-Propanol (IPA)	< 500	500	< 1,225	1,225	L5	100	8/31/2016	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050	L5	100	8/31/2016	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	8/31/2016	67-64-1
Allyl chloride	< 100	100	< 313	313		100	8/31/2016	107-05-1
Benzene	< 50	50	< 160	160		100	8/31/2016	71-43-2
Benzyl chloride	< 200	200	< 1,036	1,036		100	8/31/2016	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	8/31/2016	593-60-2
Bromoform	< 50	50	< 517	517		100	8/31/2016	75-25-2
Bromomethane	< 50	50	< 194	194		100	8/31/2016	74-83-9
Butyl benzene	< 100	100	< 549	549		100	8/31/2016	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	8/31/2016	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	8/31/2016	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	8/31/2016	108-90-7
Chloroethane	< 50	50	< 132	132		100	8/31/2016	75-00-3
Chloroform	< 50	50	< 244	244		100	8/31/2016	67-66-3
Chloromethane	< 100	100	< 207	207		100	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	8/31/2016	542-75-6
Cyclohexane	< 50	50	< 172	172		100	8/31/2016	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	8/31/2016	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	8/31/2016	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	8/31/2016	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG02-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 50	50	< 205	205		100	8/31/2016	142-82-5
Hexachlorobutadiene	< 100	100	< 1,067	1,067		100	8/31/2016	87-68-3
Hexane	< 100	100	< 352	352		100	8/31/2016	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	8/31/2016	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	8/31/2016	1634-04-4
Methylcyclohexane	< 100	100	< 402	402		100	8/31/2016	108-87-2
Methylene chloride	< 200	200	< 694	694		100	8/31/2016	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	8/31/2016	91-20-3
Nonane	< 100	100	< 524	524		100	8/31/2016	111-84-2
Octane	< 100	100	< 467	467		100	8/31/2016	111-65-9
o-Xylene	< 50	50	< 217	217		100	8/31/2016	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	8/31/2016	115-07-1
Propylbenzene	< 100	100	< 492	492		100	8/31/2016	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	8/31/2016	135-98-8
Styrene	< 50	50	< 213	213		100	8/31/2016	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	8/31/2016	98-06-6
Tetrachloroethene	**2,360**	**100**	**16,001**	**678**		100	8/31/2016	127-18-4
Tetrahydrofuran	< 200	200	< 590	590	L5	100	8/31/2016	109-99-9
Toluene	< 50	50	< 189	189		100	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	8/31/2016	542-75-6
Trichloroethene	< 50	50	< 269	269		100	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	8/31/2016	76-13-1
Vinyl acetate	< 50	50	< 176	176		100	8/31/2016	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	113	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG02-5-08262016 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	12	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	8/31/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	8/31/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	8/31/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	8/31/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	8/31/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	8/31/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	8/31/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	L5	200	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	8/31/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	8/31/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5	200	8/31/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450	L5	200	8/31/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100	L5	200	8/31/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	8/31/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	8/31/2016	107-05-1
Benzene	< 100	100	< 319	319		200	8/31/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	8/31/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	8/31/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	8/31/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	8/31/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	8/31/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	8/31/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	8/31/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	8/31/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	8/31/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	8/31/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	8/31/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	8/31/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	8/31/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	L5	200	8/31/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	8/31/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG02-5-08262016 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	12	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	8/31/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	8/31/2016	87-68-3
Hexane	< 200	200	< 704	704		200	8/31/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	8/31/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	8/31/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	8/31/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	8/31/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	8/31/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	8/31/2016	111-84-2
Octane	< 200	200	< 934	934		200	8/31/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	8/31/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	8/31/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	8/31/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	8/31/2016	135-98-8
Styrene	< 100	100	< 426	426		200	8/31/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	8/31/2016	98-06-6
Tetrachloroethene	**4,440**	**200**	**30,103**	**1,356**		200	8/31/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180	L5	200	8/31/2016	109-99-9
Toluene	< 100	100	< 377	377		200	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	8/31/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	8/31/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	8/31/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	117	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG02-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	13	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 250	250	< 1,365	1,365		500	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 250	250	< 1,718	1,718		500	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 250	250	< 1,365	1,365		500	8/31/2016	79-00-5
1,1-Dichloroethane	< 250	250	< 1,013	1,013		500	8/31/2016	75-34-3
1,1-Dichloroethene	< 250	250	< 993	993		500	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 1,000	1,000	< 7,420	7,420		500	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 250	250	< 1,230	1,230		500	8/31/2016	95-63-6
1,2-Dibromoethane	< 250	250	< 1,920	1,920		500	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 250	250	< 1,503	1,503		500	8/31/2016	95-50-1
1,2-Dichloroethane	< 250	250	< 1,013	1,013		500	8/31/2016	107-06-2
1,2-Dichloropropane	< 250	250	< 1,155	1,155		500	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 250	250	< 1,230	1,230		500	8/31/2016	108-67-8
1,3-Butadiene	< 250	250	< 553	553		500	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 250	250	< 1,503	1,503		500	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 250	250	< 1,503	1,503		500	8/31/2016	106-46-7
1,4-Dioxane	< 1,000	1,000	< 3,600	3,600	L5	500	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 250	250	< 1,165	1,165		500	8/31/2016	540-84-1
2-Butanone (MEK)	< 2,500	2,500	< 7,375	7,375		500	8/31/2016	78-93-3
2-Hexanone	< 2,500	2,500	< 10,250	10,250	L5	500	8/31/2016	591-78-6
2-Propanol (IPA)	< 2,500	2,500	< 6,125	6,125	L5	500	8/31/2016	67-63-0
4-Ethyltoluene	< 500	500	< 2,460	2,460		500	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 2,500	2,500	< 10,250	10,250	L5	500	8/31/2016	108-10-1
Acetone	< 2,500	2,500	< 5,950	5,950		500	8/31/2016	67-64-1
Allyl chloride	< 500	500	< 1,565	1,565		500	8/31/2016	107-05-1
Benzene	< 250	250	< 798	798		500	8/31/2016	71-43-2
Benzyl chloride	< 1,000	1,000	< 5,180	5,180		500	8/31/2016	100-44-7
Bromodichloromethane	< 250	250	< 1,675	1,675		500	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 250	250	< 1,093	1,093		500	8/31/2016	593-60-2
Bromoform	< 250	250	< 2,585	2,585		500	8/31/2016	75-25-2
Bromomethane	< 250	250	< 970	970		500	8/31/2016	74-83-9
Butyl benzene	< 500	500	< 2,745	2,745		500	8/31/2016	104-51-8
Carbon disulfide	< 1,000	1,000	< 3,110	3,110		500	8/31/2016	75-15-0
Carbon tetrachloride	< 250	250	< 1,573	1,573		500	8/31/2016	56-23-5
Chlorobenzene	< 250	250	< 1,150	1,150		500	8/31/2016	108-90-7
Chloroethane	< 250	250	< 660	660		500	8/31/2016	75-00-3
Chloroform	< 250	250	< 1,220	1,220		500	8/31/2016	67-66-3
Chloromethane	< 500	500	< 1,035	1,035		500	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 250	250	< 990	990		500	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 250	250	< 1,135	1,135		500	8/31/2016	542-75-6
Cyclohexane	< 250	250	< 860	860		500	8/31/2016	110-82-7
Dibromochloromethane	< 250	250	< 2,130	2,130		500	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 500	500	< 2,475	2,475		500	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 250	250	< 1,748	1,748		500	8/31/2016	76-14-2
Ethanol	< 2,500	2,500	< 4,700	4,700	L5	500	8/31/2016	64-17-5
Ethyl Acetate	< 250	250	< 900	900		500	8/31/2016	141-78-6
Ethylbenzene	< 250	250	< 1,085	1,085		500	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG02-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	13	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 250	250	< 1,025	1,025		500	8/31/2016	142-82-5
Hexachlorobutadiene	< 500	500	< 5,335	5,335		500	8/31/2016	87-68-3
Hexane	< 500	500	< 1,760	1,760		500	8/31/2016	110-54-3
Isopropylbenzene	< 500	500	< 2,460	2,460		500	8/31/2016	98-82-8
m&p-Xylene	< 500	500	< 2,170	2,170		500	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 1,000	1,000	< 3,610	3,610		500	8/31/2016	1634-04-4
Methylcyclohexane	< 500	500	< 2,010	2,010		500	8/31/2016	108-87-2
Methylene chloride	< 1,000	1,000	< 3,470	3,470		500	8/31/2016	75-09-2
Naphthalene	< 2,500	2,500	< 13,100	13,100		500	8/31/2016	91-20-3
Nonane	< 500	500	< 2,620	2,620		500	8/31/2016	111-84-2
Octane	< 500	500	< 2,335	2,335		500	8/31/2016	111-65-9
o-Xylene	< 250	250	< 1,085	1,085		500	8/31/2016	95-47-6
Propene (Propylene)	< 500	500	< 860	860		500	8/31/2016	115-07-1
Propylbenzene	< 500	500	< 2,460	2,460		500	8/31/2016	103-65-1
Sec-Butyl benzene	< 500	500	< 2,745	2,745		500	8/31/2016	135-98-8
Styrene	< 250	250	< 1,065	1,065		500	8/31/2016	100-42-5
Tert-Butyl benzene	< 500	500	< 2,745	2,745		500	8/31/2016	98-06-6
Tetrachloroethene	**7,550**	**500**	**51,189**	**3,390**		500	8/31/2016	127-18-4
Tetrahydrofuran	< 1,000	1,000	< 2,950	2,950	L5	500	8/31/2016	109-99-9
Toluene	< 250	250	< 943	943		500	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 250	250	< 990	990		500	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 250	250	< 1,135	1,135		500	8/31/2016	542-75-6
Trichloroethene	< 250	250	< 1,343	1,343		500	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 250	250	< 1,405	1,405		500	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 250	250	< 1,915	1,915		500	8/31/2016	76-13-1
Vinyl acetate	< 250	250	< 880	880		500	8/31/2016	108-05-4
Vinyl chloride	< 250	250	< 640	640		500	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	116	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG01-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	14	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	9/1/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	9/1/2016	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	9/1/2016	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	9/1/2016	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	9/1/2016	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/1/2016	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	9/1/2016	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	9/1/2016	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	9/1/2016	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	9/1/2016	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	9/1/2016	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	9/1/2016	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	9/1/2016	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	9/1/2016	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	9/1/2016	106-46-7
1,4-Dioxane	< 40	40	< 144	144	L5	20	9/1/2016	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	9/1/2016	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	9/1/2016	78-93-3
2-Hexanone	< 100	100	< 410	410	L5	20	9/1/2016	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245	L5	20	9/1/2016	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	9/1/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410	L5	20	9/1/2016	108-10-1
Acetone	< 100	100	< 238	238		20	9/1/2016	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	9/1/2016	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	9/1/2016	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	9/1/2016	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	9/1/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	9/1/2016	593-60-2
Bromoform	< 10	10	< 103	103		20	9/1/2016	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	9/1/2016	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/1/2016	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	9/1/2016	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	9/1/2016	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	9/1/2016	108-90-7
Chloroethane	< 10	10	< 26.4	26.4		20	9/1/2016	75-00-3
Chloroform	**75**	**10**	**364**	**48.8**		20	9/1/2016	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	9/1/2016	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	9/1/2016	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	9/1/2016	542-75-6
Cyclohexane	< 10	10	< 34.4	34.4		20	9/1/2016	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	9/1/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	9/1/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	9/1/2016	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	9/1/2016	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	9/1/2016	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	9/1/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG01-5-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	14	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41.0	41.0		20	9/1/2016	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	9/1/2016	87-68-3
Hexane	< 20	20	< 70.4	70.4		20	9/1/2016	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	9/1/2016	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	9/1/2016	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	9/1/2016	1634-04-4
Methylcyclohexane	< 20	20	< 80.4	80.4		20	9/1/2016	108-87-2
Methylene chloride	< 40	40	< 139	139		20	9/1/2016	75-09-2
Naphthalene	< 100	100	< 524	524		20	9/1/2016	91-20-3
Nonane	< 20	20	< 105	105		20	9/1/2016	111-84-2
Octane	< 20	20	< 93.4	93.4		20	9/1/2016	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	9/1/2016	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	9/1/2016	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	9/1/2016	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/1/2016	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	9/1/2016	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/1/2016	98-06-6
Tetrachloroethene	**469**	**20**	**3,183**	**136**		20	9/1/2016	127-18-4
Tetrahydrofuran	< 40	40	< 118	118	L5	20	9/1/2016	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	9/1/2016	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	9/1/2016	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	9/1/2016	542-75-6
Trichloroethene	< 10	10	< 53.7	53.7		20	9/1/2016	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	9/1/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	9/1/2016	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2		20	9/1/2016	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	9/1/2016	75-01-4
Surr: 4-Bromofluorobenzene	117	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG01-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	15	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	8/31/2016	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	8/31/2016	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,484	1,484		100	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	8/31/2016	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	8/31/2016	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	8/31/2016	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	8/31/2016	106-46-7
1,4-Dioxane	< 200	200	< 720	720	L5	100	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 50	50	< 233	233		100	8/31/2016	540-84-1
2-Butanone (MEK)	< 500	500	< 1,475	1,475		100	8/31/2016	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5	100	8/31/2016	591-78-6
2-Propanol (IPA)	< 500	500	< 1,225	1,225	L5	100	8/31/2016	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050	L5	100	8/31/2016	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	8/31/2016	67-64-1
Allyl chloride	< 100	100	< 313	313		100	8/31/2016	107-05-1
Benzene	< 50	50	< 160	160		100	8/31/2016	71-43-2
Benzyl chloride	< 200	200	< 1,036	1,036		100	8/31/2016	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	8/31/2016	593-60-2
Bromoform	< 50	50	< 517	517		100	8/31/2016	75-25-2
Bromomethane	< 50	50	< 194	194		100	8/31/2016	74-83-9
Butyl benzene	< 100	100	< 549	549		100	8/31/2016	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	8/31/2016	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	8/31/2016	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	8/31/2016	108-90-7
Chloroethane	< 50	50	< 132	132		100	8/31/2016	75-00-3
Chloroform	**135**	**50**	**659**	**244**		100	8/31/2016	67-66-3
Chloromethane	< 100	100	< 207	207		100	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	8/31/2016	542-75-6
Cyclohexane	< 50	50	< 172	172		100	8/31/2016	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	8/31/2016	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	8/31/2016	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	8/31/2016	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	SG01-15-08262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	8/26/2016
Lab ID:	15	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 50	50	< 205	205		100	8/31/2016	142-82-5
Hexachlorobutadiene	< 100	100	< 1,067	1,067		100	8/31/2016	87-68-3
Hexane	< 100	100	< 352	352		100	8/31/2016	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	8/31/2016	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	8/31/2016	1634-04-4
Methylcyclohexane	< 100	100	< 402	402		100	8/31/2016	108-87-2
Methylene chloride	< 200	200	< 694	694		100	8/31/2016	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	8/31/2016	91-20-3
Nonane	< 100	100	< 524	524		100	8/31/2016	111-84-2
Octane	< 100	100	< 467	467		100	8/31/2016	111-65-9
o-Xylene	< 50	50	< 217	217		100	8/31/2016	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	8/31/2016	115-07-1
Propylbenzene	< 100	100	< 492	492		100	8/31/2016	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	8/31/2016	135-98-8
Styrene	< 50	50	< 213	213		100	8/31/2016	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	8/31/2016	98-06-6
Tetrachloroethene	**657**	**100**	**4,454**	**678**		100	8/31/2016	127-18-4
Tetrahydrofuran	< 200	200	< 590	590	L5	100	8/31/2016	109-99-9
Toluene	< 50	50	< 189	189		100	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	8/31/2016	542-75-6
Trichloroethene	< 50	50	< 269	269		100	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	8/31/2016	76-13-1
Vinyl acetate	< 50	50	< 176	176		100	8/31/2016	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	115	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010831 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	8/31/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	8/31/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/31/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	8/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	8/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/31/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	8/31/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/31/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	8/31/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	8/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	8/31/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	8/31/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/31/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	8/31/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	8/31/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	8/31/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	8/31/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	8/31/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	8/31/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	8/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	8/31/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	8/31/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	8/31/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	8/31/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	8/31/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	8/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	8/31/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	8/31/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	8/31/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/31/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	8/31/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	8/31/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	8/31/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	8/31/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	8/31/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	8/31/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/31/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/31/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	8/31/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	8/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	8/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	8/31/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	8/31/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	8/31/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	8/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010831 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	8/31/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	8/31/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	8/31/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	8/31/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	8/31/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	8/31/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	8/31/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	8/31/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	8/31/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	8/31/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	8/31/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	8/31/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	8/31/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	8/31/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/31/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	8/31/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	8/31/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	8/31/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	8/31/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	8/31/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	8/31/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	8/31/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	8/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	8/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	8/31/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	8/31/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	8/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	104	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 8/31/2016 Batch: MS010831 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	11.5	115	10.9	109	10.0	5.4	ppbv			
Dichlorodifluoromethane(F-12)	11.2	112	11.0	110	10.0	2.3	ppbv			
Chloromethane	11.0	110	10.7	107	10.0	2.1	ppbv			
Dichlorotetrafluoroethane(F-114)	10.4	104	10.6	106	10.0	2.1	ppbv			
Vinyl Chloride	9.9	98.8	10.2	102	10.0	3.2	ppbv			
1,3-Butadiene	9.9	98.8	9.5	95.4	10.0	3.5	ppbv			
Bromomethane	10.5	105	10.3	103	10.0	2.0	ppbv			
Chloroethane	12.0	120	12.9	129	10.0	7.3	ppbv			
Ethanol	13.1	131	12.7	127	10.0	3.2	ppbv	L5		
Bromoethene(Vinyl Bromide)	10.7	107	10.5	105	10.0	1.7	ppbv			
Trichlorofluoromethane (F-11)	11.3	113	11.2	112	10.0	0.9	ppbv			
Acetone	12.1	121	12.0	120	10.0	0.4	ppbv			
Isopropyl Alcohol (2-Propanol)	13.3	133	12.9	129	10.0	3.1	ppbv	L5		
1,1-Dichloroethene	11.4	114	11.4	114	10.0	0.3	ppbv			
Trichlorotrifluoroethane (F-113)	10.4	104	10.4	104	10.0	0.1	ppbv			
Methylene Chloride	11.2	112	11.2	112	10.0	0.2	ppbv			
Allyl Chloride	11.6	116	11.0	110	10.0	5.0	ppbv			
Carbon disulfide	11.3	113	11.0	110	10.0	2.3	ppbv			
trans-1,2-Dichloroethene	10.8	108	10.3	103	10.0	4.3	ppbv			
Methyl tert-butyl ether	12.2	122	12.1	121	10.0	0.2	ppbv			
1,1-Dichloroethane	11.4	114	11.4	114	10.0	0.6	ppbv			
Vinyl acetate	12.4	124	11.8	118	10.0	4.8	ppbv			
2-Butanone (MEK)	12.1	121	11.9	119	10.0	1.0	ppbv			
Hexane	12.0	120	11.3	113	10.0	6.2	ppbv			
cis-1,2-Dichloroethene	10.5	105	10.7	107	10.0	2.3	ppbv			
Ethyl Acetate	12.6	126	12.2	122	10.0	2.8	ppbv			
Chloroform	11.3	113	11.2	112	10.0	0.9	ppbv			
Tetrahydrofuran	13.0	130	13.3	133	10.0	2.1	ppbv		L5	
1,1,1-Trichloroethane	11.2	112	11.3	113	10.0	0.7	ppbv			
1,2-Dichloroethane	11.9	119	11.7	117	10.0	1.2	ppbv			
Benzene	10.4	104	10.6	106	10.0	2.0	ppbv			
Carbon tetrachloride	11.1	111	11.1	111	10.0	0.2	ppbv			
Cyclohexane	11.6	116	11.2	112	10.0	3.5	ppbv			
2,2,4-Trimethylpentane	11.3	113	11.4	114	10.0	1.1	ppbv			
Heptane	11.8	118	11.8	118	10.0	0.5	ppbv			
1,2-Dichloropropane	11.0	110	11.0	110	10.0	0.6	ppbv			
Trichloroethene	9.7	96.5	10.0	99.6	10.0	3.2	ppbv			
Bromodichloromethane	11.7	117	11.8	118	10.0	0.8	ppbv			
1,4-Dioxane	12.4	124	13.2	132	10.0	6.6	ppbv		L5	
Methylcyclohexane	10.7	107	10.9	109	10.0	2.1	ppbv			
cis-1,3-Dichloropropene	11.3	113	11.2	112	10.0	0.9	ppbv			
4-methyl-2-pentanone	14.0	140	13.5	135	10.0	4.1	ppbv	L5	L5	
trans-1,3-Dichloropropene	11.8	118	11.9	119	10.0	0.8	ppbv			
Toluene	10.6	106	11.0	110	10.0	3.7	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 8/31/2016 Batch: MS010831 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	10.5	105	10.8	108	10.0	3.5	ppbv			
2-Hexanone	15.4	154	14.4	144	10.0	7.0	ppbv	L5	L5	
n-Octane	12.4	124	11.8	118	10.0	4.9	ppbv			
Dibromochloromethane	10.8	108	11.2	112	10.0	3.6	ppbv			
1,2-Dibromoethane	10.7	107	10.8	108	10.0	1.2	ppbv			
Tetrachloroethene	9.6	96.3	9.7	96.5	10.0	0.2	ppbv			
Chlorobenzene	10.0	100	10.0	99.7	10.0	0.7	ppbv			
Ethylbenzene	10.6	106	10.0	100	10.0	5.5	ppbv			
m&p-Xylene	20.7	104	20.4	102	20.0	1.8	ppbv			
Bromoform	10.5	105	10.7	107	10.0	2.0	ppbv			
Styrene	10.5	105	10.3	103	10.0	2.1	ppbv			
Nonane	11.8	118	11.7	117	10.0	0.7	ppbv			
o-Xylene	10.2	102	10.0	100	10.0	1.4	ppbv			
1,1,2,2-Tetrachloroethane	10.9	109	11.0	110	10.0	0.6	ppbv			
Isopropylbenzene	10.3	103	10.2	102	10.0	1.6	ppbv			
n-Propylbenzene	10.9	109	10.7	107	10.0	1.2	ppbv			
4-Ethyltoluene	10.7	107	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	10.6	106	10.7	107	10.0	0.8	ppbv			
Tert-Butyl Benzene	10.2	102	10.2	102	10.0	0.0	ppbv			
1,2,4-Trimethylbenzene	10.8	108	10.6	106	10.0	2.1	ppbv			
Sec-Butyl Benzene	10.4	104	10.1	101	10.0	3.0	ppbv			
1,3-Dichlorobenzene	10.1	101	10.0	99.7	10.0	1.6	ppbv			
Benzyl chloride	12.7	127	12.6	126	10.0	1.0	ppbv			
1,4-Dichlorobenzene	10.1	101	10.1	101	10.0	0.5	ppbv			
1,2-Dichlorobenzene	10.3	103	10.1	101	10.0	1.8	ppbv			
n-Butyl Benzene	10.7	107	10.4	104	10.0	2.7	ppbv			
1,2,4-Trichlorobenzene	10.6	106	10.2	102	10.0	3.1	ppbv			
Naphthalene	11.8	118	11.6	116	10.0	1.6	ppbv			
Hexachlorobutadiene	10.5	105	9.9	99.0	10.0	5.9	ppbv			
Surr: 4-Bromofluorobenzene	10.6	106	10.7	107			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16H036	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-160802-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/25/2017
S-160802-02	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	7/12/2017
S-160802-03	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	7/19/2017
S-151113-01	Stock	Spectra Gases	TB500009-110	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/13/2016
A-160823-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	11/23/2016
A-160901-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/23/2016

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec Consulting	Page 1 of 2	AEL Lab #
Address: 11811 N TATUM Blvd P-186	Sampler: George Hickson Phone: 480-318-9459	164036
	Project Name: CVS Project Number: SPO158	
City, State, Zip: Phoenix AZ 85028	Project location: 24th / Thomas	
Contact: Chad Byrd	P.O. Number: SPO158	
Phone: 858-716-2908 Fax:	Fax Results: Y (N)	
E-Mail Address: CByrd@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
✓ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2391	175	6 (1) bag	1 2 (5)	SG06-0825 2016 5'	8-25-16	1146	S	1	✓									
02	1849	179	6 (1) bag	1 2 (5)	SG06-15-0825 2016	8-25-16	1219	S	1	✓									
03	1831	180	6 (1) bag	1 2 (5)	SG07-5-0825 2016	8-25-16	1250	S	1	✓									
04	E2365	060	6 (1) bag	1 2 (5)	SG07-15 0825 2016	8-25-16	1319	S	1	✓									
05	1793	205	6 (1) bag	1 2 (5)	SG03-5-0826 2016	8-26-16	0545	S	1	✓									
06	1876	148	6 (1) bag	1 2 (5)	SG03-15-0826 2016	8-26-16	0609	S	1	✓									
07	C606	172	6 (1) bag	1 2 (5)	SG04-15-0826 2016	8-26-16	0636	S	1	✓									
08	1812	176	6 (1) bag	1 2 (5)	SG04-5-0826 2016	8-26-16	0655	S	1	✓									
09	E2353	184	6 (1) bag	1 2 (5)	SG05-5-0826 2016	8-26-16	0716	S	1	✓									
10	1856	174	6 (1) bag	1 2 (5)	SG05-15-0826 2016	8-26-16	0740	S	1	✓									

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-26-16	1054	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer GEOSYNTEC CONSULTING	Page 2 of 2	AEL Lab #
Address: 4811 N TATUM BLVD P-186	Sampler: George A Hickson Phone: 480-318-9459	
	Project Name: CVS Project Number: SPO158	
City, State, Zip: Phoenix AZ 85028	Project location: 24th / Thomas	
Contact: Chad Byrd	P.O. Number: SPO 158	
Phone: 858-716-2908 Fax:	Fax Results: Y (N)	
E-Mail Address: CBYRD@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C

Custody Seals: Yes_____ No_____

Custody Seals Intact: Yes_____ No_____

Total # of Containers:_____

Turn Around Request

____ 24 Hours ____ 48 Hours

____ 72 Hours

____ 5 working Day

_1_ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction GW: ground water

A: ambient air WW: waste water

I: indoor air

S: soil vapor

W: water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
11	1884	108	6 (1) bag	1 2 (5)	SG02-5-08262016	8-26-16	0803	S	1	/									
12	1834	214	6 (1) bag	1 2 (5)	SG02-5-08262016 dup	8-26-16	0810	S	1	/									
13	1846	127	6 (1) bag	1 2 (5)	SG02-15-08262016	8-26-16	0835	S	1	/									
14	E2363	120	6 (1) bag	1 2 (5)	SG01-5-08262016	8-26-16	0930	S	1	/									
15	E2090	168	6 (1) bag	1 2 (5)	SG01-15-08262016	8-26-16	0950	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-26-16	1054		

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2016

Client:	Chad Bird	Work Order #:	16I003
Company:	Geosyntec Consulting	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/1/2016

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2016

Client:	Chad Bird	Work Order #:	16I003
Company:	Geosyntec Consulting	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/1/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16I003-01	Influent 09012016	TO-15	9/1/2016	1235
16I003-02	Effluent 09012016	TO-15	9/1/2016	1230

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2016

Client:	Chad Bird	Work Order #:	16I003
Company:	Geosyntec Consulting	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	09/01/16

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16I003-01	Influent 09012016	E2402	1608-04	29.0	5.26	027	1608-06
16I003-02	Effluent 09012016	E2093	1608-04	29.0	5.38	070	1608-06

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	Influent 09012016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	9/1/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/15/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/15/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/15/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/15/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/15/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	9/15/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/15/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/15/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/15/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/15/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/15/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/15/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/15/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/15/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/15/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	9/15/2016	123-91-1
2,2,4-Trimethylpentane	**1,470**	**100**	**6,850**	**466**		200	9/15/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/15/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	9/15/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	9/15/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/15/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	9/15/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/15/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/15/2016	107-05-1
Benzene	< 100	100	< 319	319		200	9/15/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	9/15/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/15/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/15/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	9/15/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/15/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	9/15/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	9/15/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/15/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/15/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/15/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	9/15/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/15/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/15/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/15/2016	542-75-6
Cyclohexane	**2,890**	**100**	**9,942**	**344**		200	9/15/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/15/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/15/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/15/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	R6	200	9/15/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/15/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	9/15/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	Influent 09012016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	9/1/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**538**	**100**	**2,206**	**410**		200	9/15/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	9/15/2016	87-68-3
Hexane	**2,430**	**200**	**8,554**	**704**		200	9/15/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/15/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/15/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	9/15/2016	1634-04-4
Methylcyclohexane	**1,350**	**200**	**5,427**	**804**		200	9/15/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	9/15/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/15/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	9/15/2016	111-84-2
Octane	< 200	200	< 934	934		200	9/15/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/15/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/15/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/15/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	9/15/2016	135-98-8
Styrene	< 100	100	< 426	426		200	9/15/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	9/15/2016	98-06-6
Tetrachloroethene	**2,850**	**200**	**19,320**	**1,356**		200	9/15/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	9/15/2016	109-99-9
Toluene	< 100	100	< 377	377		200	9/15/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/15/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/15/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	9/15/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/15/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/15/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/15/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/15/2016	75-01-4
Surr: 4-Bromofluorobenzene	98.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	Effluent 09012016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	9/1/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	9/16/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.87	6.87		2	9/16/2016	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	9/16/2016	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	9/16/2016	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 3.97	3.97		2	9/16/2016	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	9/16/2016	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		2	9/16/2016	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.68	7.68		2	9/16/2016	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	9/16/2016	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	9/16/2016	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.62	4.62		2	9/16/2016	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		2	9/16/2016	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.21	2.21		2	9/16/2016	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	9/16/2016	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		2	9/16/2016	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14.4	14.4		2	9/16/2016	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.66	4.66		2	9/16/2016	540-84-1
2-Butanone (MEK)	< 10	10	< 29.5	29.5		2	9/16/2016	78-93-3
2-Hexanone	< 10	10	< 41.0	41.0		2	9/16/2016	591-78-6
2-Propanol (IPA)	< 10	10	< 24.5	24.5		2	9/16/2016	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.84	9.84		2	9/16/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41.0	41.0		2	9/16/2016	108-10-1
Acetone	< 10	10	< 23.8	23.8		2	9/16/2016	67-64-1
Allyl chloride	< 2.0	2.0	< 6.26	6.26		2	9/16/2016	107-05-1
Benzene	< 1.0	1.0	< 3.19	3.19		2	9/16/2016	71-43-2
Benzyl chloride	< 4.0	4.0	< 20.7	20.7		2	9/16/2016	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.70	6.70		2	9/16/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.37	4.37		2	9/16/2016	593-60-2
Bromoform	< 1.0	1.0	< 10.3	10.3		2	9/16/2016	75-25-2
Bromomethane	< 1.0	1.0	< 3.88	3.88		2	9/16/2016	74-83-9
Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	9/16/2016	104-51-8
Carbon disulfide	< 4.0	4.0	< 12.4	12.4		2	9/16/2016	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.29	6.29		2	9/16/2016	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.60	4.60		2	9/16/2016	108-90-7
Chloroethane	< 1.0	1.0	< 2.64	2.64		2	9/16/2016	75-00-3
Chloroform	< 1.0	1.0	< 4.88	4.88		2	9/16/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		2	9/16/2016	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	9/16/2016	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	9/16/2016	542-75-6
Cyclohexane	< 1.0	1.0	< 3.44	3.44		2	9/16/2016	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.52	8.52		2	9/16/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.90	9.90		2	9/16/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 6.99	6.99		2	9/16/2016	76-14-2
Ethanol	**44**	**10**	**81.9**	**18.8**	R6	2	9/16/2016	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.60	3.60		2	9/16/2016	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.34	4.34		2	9/16/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	Effluent 09012016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	9/1/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.10	4.10		2	9/16/2016	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21.3	21.3		2	9/16/2016	87-68-3
Hexane	< 2.0	2.0	< 7.04	7.04		2	9/16/2016	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.84	9.84		2	9/16/2016	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.68	8.68		2	9/16/2016	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14.4	14.4		2	9/16/2016	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.04	8.04		2	9/16/2016	108-87-2
Methylene chloride	< 4.0	4.0	< 13.9	13.9		2	9/16/2016	75-09-2
Naphthalene	< 10	10	< 52.4	52.4		2	9/16/2016	91-20-3
Nonane	< 2.0	2.0	< 10.5	10.5		2	9/16/2016	111-84-2
Octane	< 2.0	2.0	< 9.34	9.34		2	9/16/2016	111-65-9
o-Xylene	**1.1**	**1.0**	**4.86**	**4.34**		2	9/16/2016	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.44	3.44		2	9/16/2016	115-07-1
Propylbenzene	< 2.0	2.0	< 9.84	9.84		2	9/16/2016	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	9/16/2016	135-98-8
Styrene	< 1.0	1.0	< 4.26	4.26		2	9/16/2016	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	9/16/2016	98-06-6
Tetrachloroethene	< 2.0	2.0	< 13.6	13.6		2	9/16/2016	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 11.8	11.8		2	9/16/2016	109-99-9
Toluene	**1.8**	**1.0**	**6.64**	**3.77**		2	9/16/2016	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	9/16/2016	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	9/16/2016	542-75-6
Trichloroethene	< 1.0	1.0	< 5.37	5.37		2	9/16/2016	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.62	5.62		2	9/16/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.66	7.66		2	9/16/2016	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.52	3.52		2	9/16/2016	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.56	2.56		2	9/16/2016	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010915 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/15/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/15/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/15/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/15/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/15/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/15/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/15/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/15/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/15/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/15/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/15/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/15/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/15/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/15/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/15/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/15/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/15/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/15/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/15/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/15/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/15/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/15/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/15/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/15/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/15/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/15/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/15/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/15/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/15/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/15/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/15/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/15/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	9/15/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/15/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/15/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/15/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/15/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/15/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/15/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	9/15/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/15/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/15/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010915 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/15/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/15/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/15/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/15/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/15/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/15/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/15/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/15/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	9/15/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/15/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/15/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/15/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/15/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/15/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/15/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/15/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/15/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/15/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/15/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/15/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/15/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/15/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/15/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/15/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/15/2016	75-01-4
Surr: 4-Bromofluorobenzene	96.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/15/2016 Batch: MS010915 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.8	108	9.6	96.2	10.0	11.3	ppbv			
Dichlorodifluoromethane(F-12)	9.5	95.0	9.5	95.3	10.0	0.3	ppbv			
Chloromethane	9.4	94.3	9.3	92.8	10.0	1.6	ppbv			
Dichlorotetrafluoroethane(F-114)	9.5	94.8	9.6	96.1	10.0	1.4	ppbv			
Vinyl Chloride	9.0	89.8	9.0	89.5	10.0	0.3	ppbv			
1,3-Butadiene	8.2	81.5	9.0	89.9	10.0	9.8	ppbv			
Bromomethane	9.0	90.1	9.2	92.1	10.0	2.2	ppbv			
Chloroethane	8.4	84.3	9.2	92.1	10.0	8.8	ppbv			
Ethanol	11.9	119	8.9	88.7	10.0	29.2	ppbv			R6
Bromoethene(Vinyl Bromide)	10.3	103	10.3	103	10.0	0.2	ppbv			
Trichlorofluoromethane (F-11)	9.6	95.6	9.6	96.3	10.0	0.7	ppbv			
Acetone	11.0	110	12.3	123	10.0	11.5	ppbv			
Isopropyl Alcohol (2-Propanol)	10.2	102	11.3	113	10.0	10.0	ppbv			
1,1-Dichloroethene	10.3	103	9.8	98.2	10.0	4.5	ppbv			
Trichlorotrifluoroethane (F-113)	9.6	96.2	9.3	93.3	10.0	3.1	ppbv			
Methylene Chloride	8.7	86.5	8.1	80.5	10.0	7.2	ppbv			
Allyl Chloride	10.7	107	10.2	102	10.0	4.5	ppbv			
Carbon disulfide	9.8	97.9	10.0	99.5	10.0	1.6	ppbv			
trans-1,2-Dichloroethene	10.1	101	9.9	99.2	10.0	1.9	ppbv			
Methyl tert-butyl ether	10.6	106	10.6	106	10.0	0.0	ppbv			
1,1-Dichloroethane	9.2	91.7	9.3	92.5	10.0	0.9	ppbv			
Vinyl acetate	10.8	108	10.8	108	10.0	0.3	ppbv			
2-Butanone (MEK)	11.1	111	11.6	116	10.0	4.3	ppbv			
Hexane	10.3	103	10.6	106	10.0	3.2	ppbv			
cis-1,2-Dichloroethene	10.1	101	9.8	98.4	10.0	2.5	ppbv			
Ethyl Acetate	11.3	113	10.9	109	10.0	3.8	ppbv			
Chloroform	9.9	99.3	9.7	96.5	10.0	2.9	ppbv			
Tetrahydrofuran	11.9	119	10.4	104	10.0	13.0	ppbv			
1,1,1-Trichloroethane	10.0	99.8	9.6	95.5	10.0	4.4	ppbv			
1,2-Dichloroethane	10.2	102	9.4	94.0	10.0	8.2	ppbv			
Benzene	10.2	102	10.0	99.5	10.0	2.0	ppbv			
Carbon tetrachloride	9.9	99.2	9.7	96.9	10.0	2.3	ppbv			
Cyclohexane	11.1	111	10.9	109	10.0	1.8	ppbv			
2,2,4-Trimethylpentane	10.4	104	9.9	98.8	10.0	4.6	ppbv			
Heptane	9.3	93.3	9.2	91.8	10.0	1.6	ppbv			
1,2-Dichloropropane	9.5	95.2	8.3	82.5	10.0	14.3	ppbv			
Trichloroethene	9.9	99.4	9.4	93.7	10.0	5.9	ppbv			
Bromodichloromethane	10.2	102	9.4	93.8	10.0	8.2	ppbv			
1,4-Dioxane	9.0	90.0	7.1	71.3	10.0	23.2	ppbv			
Methylcyclohexane	10.2	102	9.6	95.6	10.0	6.8	ppbv			
cis-1,3-Dichloropropene	10.4	104	9.5	94.9	10.0	8.8	ppbv			
4-methyl-2-pentanone	10.5	105	9.0	89.9	10.0	15.6	ppbv			
trans-1,3-Dichloropropene	10.7	107	10.1	101	10.0	5.9	ppbv			
Toluene	10.2	102	9.5	94.8	10.0	7.7	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/15/2016 Batch: MS010915 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	10.0	99.5	9.2	91.5	10.0	8.4	ppbv			
2-Hexanone	10.2	102	9.3	93.2	10.0	8.9	ppbv			
n-Octane	9.9	99.2	9.2	92.4	10.0	7.1	ppbv			
Dibromochloromethane	10.3	103	9.4	93.7	10.0	9.8	ppbv			
1,2-Dibromoethane	10.1	101	9.5	94.6	10.0	6.1	ppbv			
Tetrachloroethene	10.4	104	9.5	94.9	10.0	9.1	ppbv			
Chlorobenzene	9.7	96.8	9.4	93.5	10.0	3.5	ppbv			
Ethylbenzene	10.7	107	10.1	101	10.0	4.9	ppbv			
m&p-Xylene	20.6	103	20.0	100	20.0	2.8	ppbv			
Bromoform	10.6	106	9.8	97.9	10.0	7.7	ppbv			
Styrene	10.5	105	10.0	99.5	10.0	5.1	ppbv			
Nonane	11.0	110	10.0	99.6	10.0	9.7	ppbv			
o-Xylene	9.6	95.8	9.5	95.4	10.0	0.4	ppbv			
1,1,2,2-Tetrachloroethane	10.4	104	9.8	97.8	10.0	6.4	ppbv			
Isopropylbenzene	11.0	110	10.3	103	10.0	6.0	ppbv			
n-Propylbenzene	10.5	105	9.9	99.4	10.0	5.0	ppbv			
4-Ethyltoluene	11.1	111	10.3	103	10.0	7.5	ppbv			
1,3,5-Trimethylbenzene	10.6	106	10.1	101	10.0	4.2	ppbv			
Tert-Butyl Benzene	10.1	101	9.2	92.4	10.0	8.4	ppbv			
1,2,4-Trimethylbenzene	10.5	105	9.8	98.3	10.0	6.5	ppbv			
Sec-Butyl Benzene	10.5	105	10.1	101	10.0	3.4	ppbv			
1,3-Dichlorobenzene	10.1	101	9.7	96.8	10.0	3.8	ppbv			
Benzyl chloride	11.3	113	10.8	108	10.0	4.7	ppbv			
1,4-Dichlorobenzene	10.3	103	9.7	96.8	10.0	6.1	ppbv			
1,2-Dichlorobenzene	10.4	104	9.7	97.4	10.0	6.9	ppbv			
n-Butyl Benzene	10.6	106	10.0	100	10.0	5.8	ppbv			
1,2,4-Trichlorobenzene	10.4	104	9.6	96.1	10.0	7.4	ppbv			
Naphthalene	10.4	104	9.5	95.0	10.0	9.0	ppbv			
Hexachlorobutadiene	9.8	97.9	9.0	89.9	10.0	8.5	ppbv			
Surr: 4-Bromofluorobenzene	10.1	101	10.1	101			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consulting	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I003	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-160802-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/25/2017
S-160802-02	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	7/12/2017
S-160802-03	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	7/19/2017
S-151113-01	Stock	Spectra Gases	TB500009-110	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/13/2016
A-160914-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	12/14/2016
A-160914-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/13/2016

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC CONSULTING	Page 1 of 1	AEL Lab #
Address: 11811 N TATUM Blvd P:186	Sampler: George A Hi[illegible] Phone: 480-318-9469	16I003
	Project Name: VS Project Number: Spo158	
City, State, Zip: Phoenix AZ, 85028	Project location:	
Contact: CHAP Byrd	P.O. Number: Spo158	
Phone: 858-716-2908 Fax:	Fax Results: Y (N)	
E-Mail Address: CBYRD@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt	Turn Around Request	Sample Type
Temperature____ °C	___ 24 Hours ___ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes___ No___	___ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes___ No___	___ 5 working Day	I: indoor air
Total # of Containers:___	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2402	027	6 (1) bag	(1) 2 5	INFLUENT 09012016	9-1-16	1235	S	1	/									
02	E2093	070	6 (1) bag	(1) 2 5	EFFLUENT 09012016	9-1-16	1230	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-1-16	1351	[signature]	James Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: October 4, 2016

Client:	Chad Bird	Work Order #:	16I039
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/26/2016

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: October 4, 2016

Client:	Chad Bird	Work Order #:	16I039
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/26/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16I039-01	Influent 09262016	TO-15	9/26/2016	1040
16I039-02	Effluent 09262016	TO-15	9/26/2016	1045

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: October 4, 2016

Client:	Chad Bird	Work Order #:	16I039
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	09/26/16

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. Analyte not detected in sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16I039-01	Influent 09262016	E2407	1609-11	29.0	12.12	086	1609-03
16I039-02	Effluent 09262016	1844	1609-10	29.0	14.00	111	1609-03

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	Influent 09262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	9/26/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/27/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/27/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/27/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/27/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/27/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	9/27/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/27/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/27/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/27/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/27/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/27/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/27/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/27/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/27/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/27/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	9/27/2016	123-91-1
2,2,4-Trimethylpentane	**1,870**	**100**	**8,714**	**466**		200	9/27/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/27/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5, R6	200	9/27/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	9/27/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/27/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	9/27/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/27/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/27/2016	107-05-1
Benzene	**306**	**100**	**976**	**319**		200	9/27/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	9/27/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/27/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/27/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	9/27/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/27/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	9/27/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	9/27/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/27/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/27/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/27/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	9/27/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/27/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/27/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/27/2016	542-75-6
Cyclohexane	**6,900**	**100**	**23,740**	**344**		200	9/27/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/27/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/27/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/27/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	9/27/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/27/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	9/27/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	Influent 09262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	9/26/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**2,490**	**100**	**10,210**	**410**		200	9/27/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	9/27/2016	87-68-3
Hexane	**9,260**	**200**	**32,600**	**704**		200	9/27/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/27/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/27/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	9/27/2016	1634-04-4
Methylcyclohexane	**3,140**	**200**	**12,620**	**804**		200	9/27/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	9/27/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/27/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	9/27/2016	111-84-2
Octane	< 200	200	< 934	934		200	9/27/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/27/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/27/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/27/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	9/27/2016	135-98-8
Styrene	< 100	100	< 426	426		200	9/27/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	9/27/2016	98-06-6
Tetrachloroethene	**1,650**	**200**	**11,190**	**1,356**		200	9/27/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	9/27/2016	109-99-9
Toluene	< 100	100	< 377	377		200	9/27/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/27/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/27/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	9/27/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/27/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/27/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/27/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/27/2016	75-01-4
Surr: 4-Bromofluorobenzene	96.8	70-130	%REC					

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Client:	Geosyntec Consultants	**Client Sample ID:**	Effluent 09262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	9/26/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	9/27/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	9/27/2016	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	9/27/2016	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	9/27/2016	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	9/27/2016	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/27/2016	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	9/27/2016	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	9/27/2016	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	9/27/2016	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	9/27/2016	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	9/27/2016	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	9/27/2016	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	9/27/2016	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	9/27/2016	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	9/27/2016	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	9/27/2016	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	9/27/2016	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	9/27/2016	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	9/27/2016	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	9/27/2016	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	9/27/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/27/2016	108-10-1
Acetone	< 100	100	< 238	238		20	9/27/2016	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	9/27/2016	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	9/27/2016	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	9/27/2016	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	9/27/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	9/27/2016	593-60-2
Bromoform	< 10	10	< 103	103		20	9/27/2016	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	9/27/2016	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/27/2016	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	9/27/2016	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	9/27/2016	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	9/27/2016	108-90-7
Chloroethane	< 10	10	< 26.4	26.4		20	9/27/2016	75-00-3
Chloroform	**15**	**10**	**71.2**	**48.8**		20	9/27/2016	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	9/27/2016	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	9/27/2016	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	9/27/2016	542-75-6
Cyclohexane	**3,380**	**100**	**11,630**	**344**		200	9/28/2016	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	9/27/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	9/27/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	9/27/2016	76-14-2
Ethanol	< 100	100	< 188	188		20	9/27/2016	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	9/27/2016	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	9/27/2016	100-41-4

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Client:	Geosyntec Consultants	**Client Sample ID:**	Effluent 09262016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	9/26/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41.0	41.0		20	9/27/2016	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	9/27/2016	87-68-3
Hexane	**493**	**20**	**1,737**	**70.4**		20	9/27/2016	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	9/27/2016	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	9/27/2016	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	9/27/2016	1634-04-4
Methylcyclohexane	< 20	20	< 80.4	80.4		20	9/27/2016	108-87-2
Methylene chloride	< 40	40	< 139	139		20	9/27/2016	75-09-2
Naphthalene	< 100	100	< 524	524		20	9/27/2016	91-20-3
Nonane	< 20	20	< 105	105		20	9/27/2016	111-84-2
Octane	< 20	20	< 93.4	93.4		20	9/27/2016	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	9/27/2016	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	9/27/2016	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	9/27/2016	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/27/2016	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	9/27/2016	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/27/2016	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	9/27/2016	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	9/27/2016	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	9/27/2016	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	9/27/2016	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	9/27/2016	542-75-6
Trichloroethene	< 10	10	< 53.7	53.7		20	9/27/2016	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	9/27/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	9/27/2016	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2		20	9/27/2016	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	9/27/2016	75-01-4
Surr: 4-Bromofluorobenzene	94.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010623 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/26/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/26/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/26/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/26/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/26/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/26/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/26/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/26/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/26/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/26/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/26/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/26/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/26/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/26/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/26/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/26/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/26/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/26/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/26/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/26/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/26/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/26/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/26/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/26/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/26/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/26/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/26/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/26/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/26/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/26/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/26/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/26/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/26/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/26/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/26/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/26/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	9/26/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/26/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/26/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/26/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/26/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/26/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/26/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	9/26/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/26/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/26/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010623 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/26/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/26/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/26/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/26/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/26/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/26/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/26/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/26/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	9/26/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/26/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/26/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/26/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/26/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/26/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/26/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/26/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/26/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/26/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/26/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/26/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/26/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/26/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/26/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/26/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/26/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/26/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/26/2016	75-01-4
Surr: 4-Bromofluorobenzene	107	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/26/2016 Batch: MS010926 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	7.8	78.3	8.7	87.4	10.0	11.0	ppbv			
Dichlorodifluoromethane(F-12)	11.4	114	11.3	113	10.0	1.0	ppbv			
Chloromethane	11.0	110	11.8	118	10.0	7.3	ppbv			
Dichlorotetrafluoroethane(F-114)	11.9	119	11.5	115	10.0	3.8	ppbv			
Vinyl Chloride	10.9	109	10.7	107	10.0	2.2	ppbv			
1,3-Butadiene	8.6	86.1	7.3	72.5	10.0	17.2	ppbv			
Bromomethane	11.0	110	10.4	104	10.0	5.7	ppbv			
Chloroethane	9.1	90.8	9.7	97.3	10.0	6.9	ppbv			
Ethanol	10.2	102	9.4	94.0	10.0	8.0	ppbv			
Bromoethene(Vinyl Bromide)	10.1	101	10.4	104	10.0	2.6	ppbv			
Trichlorofluoromethane (F-11)	11.1	111	11.1	111	10.0	0.3	ppbv			
Acetone	10.5	105	10.0	100	10.0	5.4	ppbv			
Isopropyl Alcohol (2-Propanol)	9.9	99.1	10.5	105	10.0	5.6	ppbv			
1,1-Dichloroethene	11.1	111	11.1	111	10.0	0.3	ppbv			
Trichlorotrifluoroethane (F-113)	10.8	108	10.7	107	10.0	0.8	ppbv			
Methylene Chloride	10.0	99.5	9.7	96.6	10.0	3.0	ppbv			
Allyl Chloride	9.4	94.1	9.6	96.1	10.0	2.1	ppbv			
Carbon disulfide	9.8	97.8	9.9	99.2	10.0	1.4	ppbv			
trans-1,2-Dichloroethene	9.3	93.3	9.9	99.1	10.0	6.0	ppbv			
Methyl tert-butyl ether	10.4	104	11.5	115	10.0	10.4	ppbv			
1,1-Dichloroethane	10.0	100	10.1	101	10.0	0.7	ppbv			
Vinyl acetate	10.7	107	10.9	109	10.0	1.8	ppbv			
2-Butanone (MEK)	9.9	98.5	10.8	108	10.0	8.8	ppbv			
Hexane	10.2	102	10.5	105	10.0	2.5	ppbv			
cis-1,2-Dichloroethene	9.6	95.9	10.2	102	10.0	6.0	ppbv			
Ethyl Acetate	11.1	111	12.3	123	10.0	10.3	ppbv			
Chloroform	11.0	110	10.8	108	10.0	2.1	ppbv			
Tetrahydrofuran	12.0	120	12.0	120	10.0	0.7	ppbv			
1,1,1-Trichloroethane	10.9	109	11.3	113	10.0	3.1	ppbv			
1,2-Dichloroethane	10.5	105	11.0	110	10.0	4.0	ppbv			
Benzene	9.7	96.5	9.7	97.4	10.0	0.9	ppbv			
Carbon tetrachloride	11.2	112	11.5	115	10.0	2.7	ppbv			
Cyclohexane	11.3	113	11.3	113	10.0	0.4	ppbv			
2,2,4-Trimethylpentane	9.9	99.1	10.7	107	10.0	7.6	ppbv			
Heptane	9.9	99.3	11.2	112	10.0	11.8	ppbv			
1,2-Dichloropropane	9.1	91.4	10.2	102	10.0	10.8	ppbv			
Trichloroethene	9.9	99.0	10.3	103	10.0	4.0	ppbv			
Bromodichloromethane	11.1	111	11.6	116	10.0	4.1	ppbv			
1,4-Dioxane	8.7	86.7	10.8	108	10.0	21.9	ppbv			
Methylcyclohexane	9.9	98.7	10.2	102	10.0	3.7	ppbv			
cis-1,3-Dichloropropene	10.1	101	12.1	121	10.0	17.8	ppbv			
4-methyl-2-pentanone	10.2	102	11.9	119	10.0	15.6	ppbv			
trans-1,3-Dichloropropene	10.5	105	11.8	118	10.0	12.1	ppbv			
Toluene	9.4	94.2	10.9	109	10.0	14.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/26/2016 Batch: MS010926 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.7	96.8	11.2	112	10.0	14.9	ppbv			
2-Hexanone	10.2	102	15.1	151	10.0	38.8	ppbv		L5	R6
n-Octane	8.8	88.4	9.6	95.8	10.0	8.0	ppbv			
Dibromochloromethane	11.1	111	11.9	119	10.0	6.8	ppbv			
1,2-Dibromoethane	10.1	101	11.4	114	10.0	12.0	ppbv			
Tetrachloroethene	9.8	98.0	11.0	110	10.0	11.2	ppbv			
Chlorobenzene	9.0	90.3	10.2	102	10.0	12.4	ppbv			
Ethylbenzene	9.8	98.3	11.6	116	10.0	16.7	ppbv			
m&p-Xylene	20.5	103	22.6	113	20.0	9.8	ppbv			
Bromoform	11.3	113	12.6	126	10.0	10.9	ppbv			
Styrene	9.7	97.4	11.7	117	10.0	17.9	ppbv			
Nonane	9.4	93.6	11.3	113	10.0	18.4	ppbv			
o-Xylene	9.6	95.8	10.8	108	10.0	11.9	ppbv			
1,1,2,2-Tetrachloroethane	9.9	99.0	11.8	118	10.0	17.1	ppbv			
Isopropylbenzene	11.1	111	12.2	122	10.0	9.4	ppbv			
n-Propylbenzene	10.6	106	11.9	119	10.0	11.5	ppbv			
4-Ethyltoluene	10.9	109	12.4	124	10.0	13.0	ppbv			
1,3,5-Trimethylbenzene	10.9	109	12.3	123	10.0	12.4	ppbv			
Tert-Butyl Benzene	10.3	103	11.6	116	10.0	11.4	ppbv			
1,2,4-Trimethylbenzene	10.9	109	12.0	120	10.0	9.4	ppbv			
Sec-Butyl Benzene	10.8	108	12.2	122	10.0	12.4	ppbv			
1,3-Dichlorobenzene	10.2	102	11.8	118	10.0	14.9	ppbv			
Benzyl chloride	11.1	111	13.0	130	10.0	15.0	ppbv			
1,4-Dichlorobenzene	10.6	106	11.8	118	10.0	10.2	ppbv			
1,2-Dichlorobenzene	10.4	104	11.6	116	10.0	11.4	ppbv			
n-Butyl Benzene	11.0	110	12.1	121	10.0	9.4	ppbv			
1,2,4-Trichlorobenzene	10.1	101	11.6	116	10.0	13.4	ppbv			
Naphthalene	9.9	99.0	11.3	113	10.0	13.6	ppbv			
Hexachlorobutadiene	10.1	101	11.6	116	10.0	13.1	ppbv			
Surr: 4-Bromofluorobenzene	10.9	109	11.4	114			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010928 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/28/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/28/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/28/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/28/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/28/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/28/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/28/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/28/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/28/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/28/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/28/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/28/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/28/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/28/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/28/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/28/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/28/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/28/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/28/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/28/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/28/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/28/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/28/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/28/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/28/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/28/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/28/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/28/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/28/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/28/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/28/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/28/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/28/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/28/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/28/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/28/2016	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	9/28/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/28/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/28/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/28/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/28/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/28/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/28/2016	76-14-2
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/28/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/28/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010928 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/28/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/28/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/28/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/28/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/28/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/28/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/28/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/28/2016	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	9/28/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/28/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/28/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/28/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/28/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/28/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/28/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/28/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/28/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/28/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/28/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/28/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/28/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/28/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/28/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/28/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/28/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/28/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/28/2016	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/28/2016 Batch: MS010928 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	9.3	93.0	9.2	91.8	10.0	1.3	ppbv			
Dichlorodifluoromethane(F-12)	12.4	124	11.6	116	10.0	7.0	ppbv			
Chloromethane	13.2	132	12.3	123	10.0	7.3	ppbv	L5		
Dichlorotetrafluoroethane(F-114)	12.5	125	12.2	122	10.0	2.5	ppbv			
Vinyl Chloride	11.4	114	9.7	97.1	10.0	16.4	ppbv			
1,3-Butadiene	9.2	91.5	7.9	79.2	10.0	14.4	ppbv			
Bromomethane	11.8	118	10.8	108	10.0	8.6	ppbv			
Chloroethane	10.4	104	10.8	108	10.0	3.3	ppbv			
Ethanol	11.2	112	10.7	107	10.0	4.3	ppbv			
Bromoethene(Vinyl Bromide)	11.7	117	10.8	108	10.0	7.4	ppbv			
Trichlorofluoromethane (F-11)	12.1	121	11.7	117	10.0	3.8	ppbv			
Acetone	11.9	119	12.1	121	10.0	1.3	ppbv			
Isopropyl Alcohol (2-Propanol)	11.6	116	10.5	105	10.0	9.7	ppbv			
1,1-Dichloroethene	12.4	124	11.4	114	10.0	8.8	ppbv			
Trichlorotrifluoroethane (F-113)	11.9	119	11.6	116	10.0	2.7	ppbv			
Methylene Chloride	10.6	106	9.9	98.9	10.0	6.5	ppbv			
Allyl Chloride	10.6	106	11.2	112	10.0	5.7	ppbv			
Carbon disulfide	11.2	112	10.9	109	10.0	2.4	ppbv			
trans-1,2-Dichloroethene	11.6	116	12.1	121	10.0	3.5	ppbv			
Methyl tert-butyl ether	12.7	127	12.6	126	10.0	0.3	ppbv			
1,1-Dichloroethane	10.7	107	10.5	105	10.0	2.5	ppbv			
Vinyl acetate	11.0	110	11.3	113	10.0	2.2	ppbv			
2-Butanone (MEK)	11.0	110	12.1	121	10.0	9.6	ppbv			
Hexane	11.7	117	12.3	123	10.0	4.9	ppbv			
cis-1,2-Dichloroethene	11.5	115	11.7	117	10.0	1.6	ppbv			
Ethyl Acetate	11.3	113	11.7	117	10.0	4.0	ppbv			
Chloroform	11.5	115	11.6	116	10.0	1.4	ppbv			
Tetrahydrofuran	11.6	116	11.7	117	10.0	0.8	ppbv			
1,1,1-Trichloroethane	11.9	119	12.2	122	10.0	1.8	ppbv			
1,2-Dichloroethane	11.6	116	11.5	115	10.0	1.5	ppbv			
Benzene	10.9	109	11.1	111	10.0	1.4	ppbv			
Carbon tetrachloride	12.3	123	12.2	122	10.0	0.3	ppbv			
Cyclohexane	11.8	118	12.3	123	10.0	4.2	ppbv			
2,2,4-Trimethylpentane	11.2	112	11.4	114	10.0	2.1	ppbv			
Heptane	10.8	108	11.2	112	10.0	4.2	ppbv			
1,2-Dichloropropane	9.8	97.6	10.0	99.5	10.0	1.9	ppbv			
Trichloroethene	11.5	115	11.6	116	10.0	1.0	ppbv			
Bromodichloromethane	11.5	115	12.2	122	10.0	5.6	ppbv			
1,4-Dioxane	7.6	75.6	8.0	79.6	10.0	5.2	ppbv			
Methylcyclohexane	11.3	113	11.2	112	10.0	1.6	ppbv			
cis-1,3-Dichloropropene	10.9	109	12.0	120	10.0	9.6	ppbv			
4-methyl-2-pentanone	8.6	85.7	10.2	102	10.0	17.2	ppbv			
trans-1,3-Dichloropropene	11.4	114	12.6	126	10.0	9.9	ppbv			
Toluene	10.9	109	11.5	115	10.0	5.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/28/2016 Batch: MS010928 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	10.8	108	11.5	115	10.0	6.0	ppbv			
2-Hexanone	9.7	96.5	9.7	96.5	10.0	0.0	ppbv			
n-Octane	9.7	97.0	10.8	108	10.0	11.1	ppbv			
Dibromochloromethane	11.7	117	12.8	128	10.0	8.4	ppbv			
1,2-Dibromoethane	11.1	111	11.7	117	10.0	5.2	ppbv			
Tetrachloroethene	11.3	113	12.1	121	10.0	7.3	ppbv			
Chlorobenzene	10.9	109	10.8	108	10.0	0.6	ppbv			
Ethylbenzene	11.3	113	11.9	119	10.0	5.6	ppbv			
m&p-Xylene	22.3	111	24.4	122	20.0	9.2	ppbv			
Bromoform	12.0	120	12.5	125	10.0	3.8	ppbv			
Styrene	11.4	114	11.8	118	10.0	3.8	ppbv			
Nonane	10.4	104	10.2	102	10.0	2.3	ppbv			
o-Xylene	10.3	103	11.5	115	10.0	10.9	ppbv			
1,1,2,2-Tetrachloroethane	11.0	110	11.9	119	10.0	7.9	ppbv			
Isopropylbenzene	12.1	121	12.9	129	10.0	6.6	ppbv			
n-Propylbenzene	11.7	117	12.4	124	10.0	6.1	ppbv			
4-Ethyltoluene	12.2	122	12.9	129	10.0	5.9	ppbv			
1,3,5-Trimethylbenzene	11.8	118	12.5	125	10.0	5.5	ppbv			
Tert-Butyl Benzene	11.2	112	11.9	119	10.0	6.8	ppbv			
1,2,4-Trimethylbenzene	11.6	116	12.4	124	10.0	6.5	ppbv			
Sec-Butyl Benzene	11.6	116	12.5	125	10.0	7.2	ppbv			
1,3-Dichlorobenzene	11.0	110	11.8	118	10.0	6.9	ppbv			
Benzyl chloride	12.6	126	13.4	134	10.0	6.3	ppbv		L5	
1,4-Dichlorobenzene	11.5	115	11.9	119	10.0	3.5	ppbv			
1,2-Dichlorobenzene	11.4	114	12.1	121	10.0	5.4	ppbv			
n-Butyl Benzene	11.7	117	12.5	125	10.0	7.0	ppbv			
1,2,4-Trichlorobenzene	10.3	103	10.9	109	10.0	5.7	ppbv			
Naphthalene	9.0	90.4	10.0	100	10.0	10.3	ppbv			
Hexachlorobutadiene	10.7	107	11.4	114	10.0	6.6	ppbv			
Surr: 4-Bromofluorobenzene	10.5	105	10.4	104			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16I039	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-160802-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/25/2017
S-160802-02	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	7/12/2017
S-160802-03	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	7/19/2017
S-151113-01	Stock	Spectra Gases	TB500009-110	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/13/2016
A-160914-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	12/14/2016
A-160924-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/13/2016

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC CONSULTANTS	Page 1 of 1	AEL Lab #
Address: 11811 N TATUM Blvd P186	Sampler: George Hickibom Phone: 480-318-9459	16I039
	Project Name: CVS Project Number: 90158	
City, State, Zip: Phoenix AZ, 85028	Project location: mcdowell & 24st	
Contact:	P.O. Number: 90158	
Phone: 858-716-2968 Fax:	Fax Results: Y (N)	
E-Mail Address: CByrd@geosyntec.com	E-Mail Results: (Y) N	

Sample Receipt	Turn Around Request	Sample Type
Temperature____ °C	___ 24 Hours ___ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes___ No___	___ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes___ No___	___ 5 working Day	I: indoor air
Total # of Containers:___	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2407	086	6 (1) bag	(1) 2 5	INFLUEN 09262016	9-26-18	1040	S	1	/									
02	1844	111	6 (1) bag	(1) 2 5	EFFLUENT 09262016	9-26-18	1045	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-26-16	1135	[signature]	Jamie Jones-Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: November 3, 2016

Client:	Chad Bird	Work Order #:	16J033
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	10/28/2016

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: November 3, 2016

Client:	Chad Bird	Work Order #:	16J033
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	10/28/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16J033-01	Effluent 10282016	TO-15	10/28/2016	1226
16J033-02	Influent 10282016	TO-15	10/28/2016	1221

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: November 3, 2016

Client:	Chad Bird	Work Order #:	16J033
Company:	Geosyntec Consultants	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	10/28/16

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16J033-01	Effluent 10282016	E2101	1610-08	29.0	14.01	193	1610-03
16J033-02	Influent 10282016	E2396	1610-08	29.0	11.62	192	1610-03

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	Effluent 10282016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	10/28/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	10/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	10/31/2016	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	10/31/2016	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	10/31/2016	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	10/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	10/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	10/31/2016	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	10/31/2016	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	10/31/2016	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	10/31/2016	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	10/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	10/31/2016	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	10/31/2016	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	10/31/2016	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	10/31/2016	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	10/31/2016	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	10/31/2016	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	10/31/2016	78-93-3
2-Hexanone	< 100	100	< 410	410		20	10/31/2016	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	10/31/2016	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	10/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	10/31/2016	108-10-1
Acetone	< 100	100	< 238	238		20	10/31/2016	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	10/31/2016	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	10/31/2016	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	10/31/2016	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	10/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	10/31/2016	593-60-2
Bromoform	< 10	10	< 103	103		20	10/31/2016	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	10/31/2016	74-83-9
Butyl benzene	< 20	20	< 110	110		20	10/31/2016	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	10/31/2016	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	10/31/2016	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	10/31/2016	108-90-7
Chloroethane	< 10	10	< 26.4	26.4		20	10/31/2016	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	10/31/2016	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	10/31/2016	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	10/31/2016	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	10/31/2016	542-75-6
Cyclohexane	**2,950**	**100**	**10,150**	**344**		200	11/1/2016	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	10/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	10/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	10/31/2016	76-14-2
Ethanol	< 100	100	< 188	188		20	10/31/2016	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	10/31/2016	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	10/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	Effluent 10282016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	10/28/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 10	10	< 41.0	41.0		20	10/31/2016	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	10/31/2016	87-68-3
Hexane	**7,740**	**200**	**27,250**	**704**		200	11/1/2016	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	10/31/2016	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	10/31/2016	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	10/31/2016	1634-04-4
Methylcyclohexane	**2,850**	**200**	**11,460**	**804**		200	11/1/2016	108-87-2
Methylene chloride	< 40	40	< 139	139		20	10/31/2016	75-09-2
Naphthalene	< 100	100	< 524	524		20	10/31/2016	91-20-3
Nonane	< 20	20	< 105	105		20	10/31/2016	111-84-2
Octane	< 20	20	< 93.4	93.4		20	10/31/2016	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	10/31/2016	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	10/31/2016	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	10/31/2016	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	10/31/2016	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	10/31/2016	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	10/31/2016	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	10/31/2016	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	10/31/2016	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	10/31/2016	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	10/31/2016	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	10/31/2016	542-75-6
Trichloroethene	< 10	10	< 53.7	53.7		20	10/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	10/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	10/31/2016	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2		20	10/31/2016	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	10/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	97.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	Influent 10282016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	10/28/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	11/1/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	11/1/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	11/1/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	11/1/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	11/1/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	11/1/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	11/1/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	11/1/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	11/1/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	11/1/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	11/1/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	11/1/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	11/1/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	11/1/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	11/1/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	11/1/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	11/1/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	11/1/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	11/1/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	11/1/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	11/1/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	11/1/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	11/1/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	11/1/2016	107-05-1
Benzene	< 100	100	< 319	319		200	11/1/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	11/1/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	11/1/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	11/1/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	11/1/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	11/1/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	11/1/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	11/1/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	11/1/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	11/1/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	11/1/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	11/1/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	11/1/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	11/1/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	11/1/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	11/1/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	11/1/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	11/1/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	11/1/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	11/1/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	11/1/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	11/1/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	Influent 10282016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	10/28/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	11/1/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	11/1/2016	87-68-3
Hexane	< 200	200	< 704	704		200	11/1/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	11/1/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	11/1/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	11/1/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	11/1/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	11/1/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	11/1/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	11/1/2016	111-84-2
Octane	< 200	200	< 934	934		200	11/1/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	11/1/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	11/1/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	11/1/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	11/1/2016	135-98-8
Styrene	< 100	100	< 426	426		200	11/1/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	11/1/2016	98-06-6
Tetrachloroethene	**2,240**	**200**	**15,190**	**1,356**		200	11/1/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	11/1/2016	109-99-9
Toluene	< 100	100	< 377	377		200	11/1/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	11/1/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	11/1/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	11/1/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	11/1/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	11/1/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	11/1/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	11/1/2016	75-01-4
Surr: 4-Bromofluorobenzene	97.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011031 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	10/31/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	10/31/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	10/31/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	10/31/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	10/31/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	10/31/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	10/31/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	10/31/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	10/31/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	10/31/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	10/31/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	10/31/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	10/31/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	10/31/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	10/31/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	10/31/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	10/31/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	10/31/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	10/31/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	10/31/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	10/31/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	10/31/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	10/31/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	10/31/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	10/31/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	10/31/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	10/31/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	10/31/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	10/31/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	10/31/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	10/31/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	10/31/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	10/31/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	10/31/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	10/31/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	10/31/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	10/31/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	10/31/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	10/31/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	10/31/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	10/31/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	10/31/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	10/31/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	10/31/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	10/31/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	10/31/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011031 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	10/31/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	10/31/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	10/31/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	10/31/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	10/31/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	10/31/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	10/31/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	10/31/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	10/31/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	10/31/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	10/31/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	10/31/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	10/31/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	10/31/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	10/31/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	10/31/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	10/31/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	10/31/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	10/31/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	10/31/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	10/31/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	10/31/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	10/31/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	10/31/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	10/31/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	10/31/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	10/31/2016	75-01-4
Surr: 4-Bromofluorobenzene	98.7	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 10/31/2016 Batch: MS011031 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	11.5	115	11.4	114	10.0	0.6	ppbv			
Dichlorodifluoromethane(F-12)	11.1	111	11.1	111	10.0	0.7	ppbv			
Chloromethane	12.3	123	11.6	116	10.0	5.4	ppbv			
Dichlorotetrafluoroethane(F-114)	10.1	101	9.7	96.8	10.0	4.5	ppbv			
Vinyl Chloride	9.9	99.2	9.8	98.0	10.0	1.2	ppbv			
1,3-Butadiene	9.7	97.4	10.5	105	10.0	7.1	ppbv			
Bromomethane	9.6	95.9	9.6	96.4	10.0	0.5	ppbv			
Chloroethane	9.7	97.2	10.0	99.6	10.0	2.4	ppbv			
Ethanol	11.2	112	10.9	109	10.0	2.7	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.4	9.6	96.2	10.0	1.9	ppbv			
Trichlorofluoromethane (F-11)	9.7	97.4	10.1	101	10.0	3.6	ppbv			
Acetone	11.0	110	11.5	115	10.0	4.3	ppbv			
Isopropyl Alcohol (2-Propanol)	10.2	102	11.2	112	10.0	9.8	ppbv			
1,1-Dichloroethene	10.2	102	10.7	107	10.0	4.0	ppbv			
Trichlorotrifluoroethane (F-113)	10.9	109	9.9	99.2	10.0	9.4	ppbv			
Methylene Chloride	10.5	105	10.4	104	10.0	0.6	ppbv			
Allyl Chloride	9.9	98.9	10.3	103	10.0	4.4	ppbv			
Carbon disulfide	10.4	104	10.3	103	10.0	1.5	ppbv			
trans-1,2-Dichloroethene	9.9	98.8	10.1	101	10.0	2.1	ppbv			
Methyl tert-butyl ether	9.6	95.6	10.0	99.9	10.0	4.4	ppbv			
1,1-Dichloroethane	10.6	106	10.9	109	10.0	3.4	ppbv			
Vinyl acetate	10.8	108	11.1	111	10.0	2.8	ppbv			
2-Butanone (MEK)	11.0	110	11.0	110	10.0	0.1	ppbv			
Hexane	11.0	110	11.3	113	10.0	3.0	ppbv			
cis-1,2-Dichloroethene	10.2	102	10.1	101	10.0	1.2	ppbv			
Ethyl Acetate	10.6	106	10.7	107	10.0	1.3	ppbv			
Chloroform	9.8	97.6	10.0	99.9	10.0	2.3	ppbv			
Tetrahydrofuran	11.5	115	11.3	113	10.0	1.2	ppbv			
1,1,1-Trichloroethane	10.1	101	10.2	102	10.0	1.1	ppbv			
1,2-Dichloroethane	10.4	104	10.6	106	10.0	1.4	ppbv			
Benzene	9.6	96.1	10.0	99.9	10.0	3.9	ppbv			
Carbon tetrachloride	10.1	101	10.1	101	10.0	0.5	ppbv			
Cyclohexane	10.8	108	10.9	109	10.0	0.4	ppbv			
2,2,4-Trimethylpentane	10.8	108	10.9	109	10.0	0.8	ppbv			
Heptane	10.7	107	10.6	106	10.0	1.1	ppbv			
1,2-Dichloropropane	10.0	100	10.1	101	10.0	0.8	ppbv			
Trichloroethene	9.6	96.2	9.8	97.7	10.0	1.5	ppbv			
Bromodichloromethane	10.3	103	10.6	106	10.0	2.5	ppbv			
1,4-Dioxane	9.9	99.0	12.6	126	10.0	23.7	ppbv			
Methylcyclohexane	10.5	105	10.3	103	10.0	2.1	ppbv			
cis-1,3-Dichloropropene	10.1	101	10.5	105	10.0	3.7	ppbv			
4-methyl-2-pentanone	11.1	111	11.8	118	10.0	6.4	ppbv			
trans-1,3-Dichloropropene	10.6	106	10.8	108	10.0	1.3	ppbv			
Toluene	9.7	97.4	9.8	98.2	10.0	0.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 10/31/2016 Batch: MS011031 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.9	99.4	9.8	98.4	10.0	1.0	ppbv			
2-Hexanone	11.9	119	12.8	128	10.0	7.4	ppbv			
n-Octane	11.9	119	11.5	115	10.0	2.8	ppbv			
Dibromochloromethane	10.3	103	10.4	104	10.0	1.2	ppbv			
1,2-Dibromoethane	9.8	97.6	10.0	99.6	10.0	2.0	ppbv			
Tetrachloroethene	9.7	96.9	9.6	95.5	10.0	1.5	ppbv			
Chlorobenzene	9.4	93.8	9.4	93.5	10.0	0.3	ppbv			
Ethylbenzene	9.3	93.1	9.3	92.7	10.0	0.4	ppbv			
m&p-Xylene	18.9	94.7	19.1	95.4	20.0	0.7	ppbv			
Bromoform	9.9	99	9.9	99.0	10.0	0.1	ppbv			
Styrene	9.3	93.1	9.4	93.7	10.0	0.6	ppbv			
Nonane	11.2	112	11.1	111	10.0	0.9	ppbv			
o-Xylene	9.5	95.0	9.4	94.3	10.0	0.7	ppbv			
1,1,2,2-Tetrachloroethane	10.3	103	10.1	101	10.0	2.2	ppbv			
Isopropylbenzene	9.9	99.1	9.9	98.7	10.0	0.4	ppbv			
n-Propylbenzene	10.5	105	10.2	102	10.0	3.0	ppbv			
4-Ethyltoluene	10.6	106	10.2	102	10.0	4.1	ppbv			
1,3,5-Trimethylbenzene	10.3	103	10.1	101	10.0	2.6	ppbv			
Tert-Butyl Benzene	10.6	106	10.1	101	10.0	5.2	ppbv			
1,2,4-Trimethylbenzene	10.7	107	10.4	104	10.0	2.9	ppbv			
Sec-Butyl Benzene	10.9	109	10.5	105	10.0	3.9	ppbv			
1,3-Dichlorobenzene	10.3	103	9.8	98.3	10.0	4.3	ppbv			
Benzyl chloride	11.5	115	11.5	115	10.0	0.3	ppbv			
1,4-Dichlorobenzene	10.5	105	10.1	101	10.0	4.3	ppbv			
1,2-Dichlorobenzene	10.6	106	10.0	99.9	10.0	6.1	ppbv			
n-Butyl Benzene	12.0	120	11.2	112	10.0	6.8	ppbv			
1,2,4-Trichlorobenzene	10.7	107	10.3	103	10.0	4.2	ppbv			
Naphthalene	10.7	107	10.7	107	10.0	0.6	ppbv			
Hexachlorobutadiene	10.9	109	10.4	104	10.0	5.2	ppbv			
Surr: 4-Bromofluorobenzene	10.8	108	10.8	108			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011101 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	11/1/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	11/1/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	11/1/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	11/1/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	11/1/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	11/1/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	11/1/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	11/1/2016	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	11/1/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	11/1/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	11/1/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	11/1/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	11/1/2016	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	11/1/2016	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	11/1/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	11/1/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	11/1/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	11/1/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	11/1/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	11/1/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	11/1/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	11/1/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	11/1/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	11/1/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	11/1/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	11/1/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	11/1/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	11/1/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	11/1/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	11/1/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	11/1/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	11/1/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	11/1/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	11/1/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	11/1/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	11/1/2016	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		1	11/1/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	11/1/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	11/1/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	11/1/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	11/1/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	11/1/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	11/1/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	11/1/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	11/1/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	11/1/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011101 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	11/1/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	11/1/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	11/1/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	11/1/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	11/1/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	11/1/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	11/1/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	11/1/2016	75-09-2
Naphthalene	< 2.0	2.0	< 10.5	10.5		1	11/1/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	11/1/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	11/1/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	11/1/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	11/1/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	11/1/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	11/1/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	11/1/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	11/1/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	11/1/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	11/1/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	11/1/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	11/1/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	11/1/2016	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	11/1/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	11/1/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	11/1/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	11/1/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	11/1/2016	75-01-4
Surr: 4-Bromofluorobenzene	96.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 11/1/2016 Batch: MS011101 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	9.9	99.4	10.5	105	10.0	5.2	ppbv			
Dichlorodifluoromethane(F-12)	9.9	98.6	10.0	100	10.0	1.6	ppbv			
Chloromethane	10.9	109	10.0	100	10.0	8.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.6	85.5	8.6	86.3	10.0	0.9	ppbv			
Vinyl Chloride	8.2	81.9	8.7	87.4	10.0	6.5	ppbv			
1,3-Butadiene	8.7	86.9	9.7	96.5	10.0	10.5	ppbv			
Bromomethane	8.8	87.9	8.9	89.3	10.0	1.6	ppbv			
Chloroethane	9.4	93.7	9.6	95.5	10.0	1.9	ppbv			
Ethanol	9.8	98.3	9.5	95.2	10.0	3.2	ppbv			
Bromoethene(Vinyl Bromide)	8.8	87.8	8.7	86.8	10.0	1.1	ppbv			
Trichlorofluoromethane (F-11)	8.9	88.5	9.0	90.4	10.0	2.1	ppbv			
Acetone	10.4	104	10.4	104	10.0	0.0	ppbv			
Isopropyl Alcohol (2-Propanol)	9.1	90.6	9.6	96.4	10.0	6.2	ppbv			
1,1-Dichloroethene	9.6	96.3	9.5	95.2	10.0	1.1	ppbv			
Trichlorotrifluoroethane (F-113)	8.9	89.1	9.0	90.0	10.0	1.0	ppbv			
Methylene Chloride	9.9	98.8	9.5	94.8	10.0	4.1	ppbv			
Allyl Chloride	8.7	87.4	9.2	92.4	10.0	5.6	ppbv			
Carbon disulfide	9.5	94.7	9.5	95.2	10.0	0.5	ppbv			
trans-1,2-Dichloroethene	8.8	87.6	8.8	88.4	10.0	0.9	ppbv			
Methyl tert-butyl ether	8.0	79.8	8.6	85.5	10.0	6.9	ppbv			
1,1-Dichloroethane	9.8	97.7	9.5	95.3	10.0	2.5	ppbv			
Vinyl acetate	9.3	93.3	9.5	95.0	10.0	1.8	ppbv			
2-Butanone (MEK)	9.7	96.5	9.4	93.5	10.0	3.2	ppbv			
Hexane	9.7	97.3	10.2	102	10.0	5.0	ppbv			
cis-1,2-Dichloroethene	8.9	89.0	8.9	89.3	10.0	0.3	ppbv			
Ethyl Acetate	9.6	96.4	9.6	96.0	10.0	0.4	ppbv			
Chloroform	8.9	89.4	8.7	87.3	10.0	2.4	ppbv			
Tetrahydrofuran	10.5	105	10.1	101	10.0	4.2	ppbv			
1,1,1-Trichloroethane	8.8	88.0	8.6	85.6	10.0	2.8	ppbv			
1,2-Dichloroethane	9.3	93.2	9.1	90.6	10.0	2.8	ppbv			
Benzene	8.8	88.1	8.4	84.1	10.0	4.6	ppbv			
Carbon tetrachloride	8.9	89.3	8.7	87.4	10.0	2.2	ppbv			
Cyclohexane	9.9	99.1	9.6	95.5	10.0	3.7	ppbv			
2,2,4-Trimethylpentane	9.7	97.0	9.6	96.0	10.0	1.0	ppbv			
Heptane	10.0	100	9.2	92.4	10.0	7.6	ppbv			
1,2-Dichloropropane	8.9	88.5	8.8	87.5	10.0	1.1	ppbv			
Trichloroethene	8.6	85.7	8.1	81.4	10.0	5.1	ppbv			
Bromodichloromethane	9.5	95.4	9.2	91.6	10.0	4.1	ppbv			
1,4-Dioxane	10.1	101	9.6	95.9	10.0	5.2	ppbv			
Methylcyclohexane	9.1	91.0	8.9	89.2	10.0	2.0	ppbv			
cis-1,3-Dichloropropene	9.1	90.6	8.8	88.1	10.0	2.8	ppbv			
4-methyl-2-pentanone	10.4	104	9.5	94.9	10.0	9.2	ppbv			
trans-1,3-Dichloropropene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Toluene	8.4	83.6	8.3	82.9	10.0	0.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 11/1/2016 Batch: MS011101 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.0	8.3	82.5	10.0	4.2	ppbv			
2-Hexanone	11.1	111	9.9	98.8	10.0	11.7	ppbv			
n-Octane	10.6	106	10.0	100	10.0	5.3	ppbv			
Dibromochloromethane	9.1	90.6	8.7	87.0	10.0	4.1	ppbv			
1,2-Dibromoethane	8.7	86.6	8.3	83.4	10.0	3.8	ppbv			
Tetrachloroethene	8.4	83.9	8.3	82.6	10.0	1.6	ppbv			
Chlorobenzene	8.2	81.6	8.2	81.9	10.0	0.4	ppbv			
Ethylbenzene	8.0	80.2	8.0	80.4	10.0	0.2	ppbv			
m&p-Xylene	16.1	80.7	16.4	82.1	20.0	1.7	ppbv			
Bromoform	8.7	86.6	8.6	86.2	10.0	0.5	ppbv			
Styrene	8.3	83.0	8.0	79.9	10.0	3.8	ppbv			
Nonane	10.2	102	9.7	97.4	10.0	5.0	ppbv			
o-Xylene	8.4	83.7	8.3	82.9	10.0	1.0	ppbv			
1,1,2,2-Tetrachloroethane	9.0	90.2	8.7	87.2	10.0	3.4	ppbv			
Isopropylbenzene	8.8	88.0	8.5	84.5	10.0	4.1	ppbv			
n-Propylbenzene	9.2	91.7	8.9	88.7	10.0	3.3	ppbv			
4-Ethyltoluene	9.0	89.6	8.8	87.8	10.0	2.0	ppbv			
1,3,5-Trimethylbenzene	9.0	89.9	8.6	85.7	10.0	4.8	ppbv			
Tert-Butyl Benzene	9.0	89.9	8.7	86.6	10.0	3.7	ppbv			
1,2,4-Trimethylbenzene	9.2	92.2	8.9	88.7	10.0	3.9	ppbv			
Sec-Butyl Benzene	9.5	94.9	9.0	90.3	10.0	5.0	ppbv			
1,3-Dichlorobenzene	9.0	89.8	8.7	87.1	10.0	3.1	ppbv			
Benzyl chloride	9.7	96.5	9.7	96.9	10.0	0.4	ppbv			
1,4-Dichlorobenzene	9.1	91.4	8.7	86.8	10.0	5.2	ppbv			
1,2-Dichlorobenzene	9.3	93.3	8.8	88.1	10.0	5.7	ppbv			
n-Butyl Benzene	10.5	105	9.7	96.9	10.0	7.8	ppbv			
1,2,4-Trichlorobenzene	9.8	97.8	9.1	91.2	10.0	7.0	ppbv			
Naphthalene	10.1	101	9.0	90.4	10.0	10.7	ppbv			
Hexachlorobutadiene	9.2	92.4	8.7	87.2	10.0	5.8	ppbv			
Surr: 4-Bromofluorobenzene	11.0	110	10.8	108			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec Consultants	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16J033	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-160802-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/25/2017
S-160802-02	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	7/12/2017
S-160802-03	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	7/19/2017
S-151113-01	Stock	Spectra Gases	TB500009-110	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/13/2016
A-161018-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	1/18/2016
A-161014-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/13/2016

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC CONSULTANTS	Page 1 of 1	AEL Lab #
Address: 11811 N TATUM BLVD P-186	Sampler: George Hiolbar Phone: 480-318-9459	16J033
	Project Name: CVS Project Number: Sp0158	
City, State, Zip: Phoenix AZ 85028	Project location: McDowell / 28th	
Contact: CHAD BYRD	P.O. Number: Sp0158	
Phone: 858-716-2908 Fax:	Fax Results: Y N	
E-Mail Address: CBYRD@GEOSYNTEC.com	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	____ 5 working Day	I: indoor air
Total # of Containers:_____	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2101	193	6 1 bag	1 2 5	EFFLUENT 1028296	10-28-16	1226	S	1	/									
02	E2396	192	6 1 bag	1 2 5	INFLUENT 1028296	10-28-16	1221	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
10-28-16	1300		

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: December 8, 2016

Client:	Chad Bird	Work Order #:	16K025
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	11/21/2016

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: December 8, 2016

Client:	Chad Bird	Work Order #:	16K025
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	11/21/2016

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
16K025-01	Influent 10212016	TO-15	11/21/2016	0955
16K025-02	Effluent 10212016	TO-15	11/21/2016	0952

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: December 8, 2016

Client:	Chad Bird	Work Order #:	16K025
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	11/21/16

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
16J025-01	Influent 10212016	1811	1610-13	29.0	12.62	111	1610-05
16K025-02	Effluent 10212016	1790	1610-15	29.0	14.40	053	1610-01

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 10212016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	11/21/2016
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	12/5/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	12/5/2016	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	12/5/2016	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	12/5/2016	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	12/5/2016	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,968	2,968		200	12/5/2016	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	12/5/2016	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	12/5/2016	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	12/5/2016	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	12/5/2016	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	12/5/2016	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	12/5/2016	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	12/5/2016	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	12/5/2016	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	12/5/2016	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	12/5/2016	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	12/5/2016	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	12/5/2016	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	12/5/2016	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	12/5/2016	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	12/5/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	12/5/2016	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	12/5/2016	67-64-1
Allyl chloride	< 200	200	< 626	626		200	12/5/2016	107-05-1
Benzene	< 100	100	< 319	319		200	12/5/2016	71-43-2
Benzyl chloride	< 400	400	< 2,072	2,072		200	12/5/2016	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	12/5/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	12/5/2016	593-60-2
Bromoform	< 100	100	< 1,034	1,034		200	12/5/2016	75-25-2
Bromomethane	< 100	100	< 388	388		200	12/5/2016	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	12/5/2016	104-51-8
Carbon disulfide	< 400	400	< 1,244	1,244		200	12/5/2016	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	12/5/2016	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	12/5/2016	108-90-7
Chloroethane	< 100	100	< 264	264		200	12/5/2016	75-00-3
Chloroform	< 100	100	< 488	488		200	12/5/2016	67-66-3
Chloromethane	< 200	200	< 414	414		200	12/5/2016	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	12/5/2016	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	12/5/2016	542-75-6
Cyclohexane	< 100	100	< 344	344		200	12/5/2016	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	12/5/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	12/5/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	12/5/2016	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	12/5/2016	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	12/5/2016	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	12/5/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 10212016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	11/21/2016
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	12/5/2016	142-82-5
Hexachlorobutadiene	< 200	200	< 2,134	2,134		200	12/5/2016	87-68-3
Hexane	< 200	200	< 704	704		200	12/5/2016	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	12/5/2016	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	12/5/2016	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,444	1,444		200	12/5/2016	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	12/5/2016	108-87-2
Methylene chloride	< 400	400	< 1,388	1,388		200	12/5/2016	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	12/5/2016	91-20-3
Nonane	< 200	200	< 1,048	1,048		200	12/5/2016	111-84-2
Octane	< 200	200	< 934	934		200	12/5/2016	111-65-9
o-Xylene	< 100	100	< 434	434		200	12/5/2016	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	12/5/2016	115-07-1
Propylbenzene	< 200	200	< 984	984		200	12/5/2016	103-65-1
Sec-Butyl benzene	< 200	200	< 1,098	1,098		200	12/5/2016	135-98-8
Styrene	< 100	100	< 426	426		200	12/5/2016	100-42-5
Tert-Butyl benzene	< 200	200	< 1,098	1,098		200	12/5/2016	98-06-6
Tetrachloroethene	**2,660**	**200**	**18,040**	**1,356**		200	12/5/2016	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	12/5/2016	109-99-9
Toluene	< 100	100	< 377	377		200	12/5/2016	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	12/5/2016	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	12/5/2016	542-75-6
Trichloroethene	< 100	100	< 537	537		200	12/5/2016	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	12/5/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	12/5/2016	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	12/5/2016	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	12/5/2016	75-01-4
Surr: 4-Bromofluorobenzene	108	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 10212016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	11/21/2016
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	12/5/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	12/5/2016	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	12/5/2016	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	12/5/2016	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	12/5/2016	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	12/5/2016	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	12/5/2016	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	12/5/2016	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	12/5/2016	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	12/5/2016	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	12/5/2016	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	12/5/2016	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	12/5/2016	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	12/5/2016	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	12/5/2016	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	12/5/2016	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	12/5/2016	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	12/5/2016	78-93-3
2-Hexanone	< 100	100	< 410	410		20	12/5/2016	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	12/5/2016	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	12/5/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	12/5/2016	108-10-1
Acetone	< 100	100	< 238	238		20	12/5/2016	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	12/5/2016	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	12/5/2016	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	12/5/2016	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	12/5/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	12/5/2016	593-60-2
Bromoform	< 10	10	< 103	103		20	12/5/2016	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	12/5/2016	74-83-9
Butyl benzene	< 20	20	< 110	110		20	12/5/2016	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	12/5/2016	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	12/5/2016	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	12/5/2016	108-90-7
Chloroethane	< 10	10	< 26.4	26.4		20	12/5/2016	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	12/5/2016	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	12/5/2016	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	12/5/2016	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	12/5/2016	542-75-6
Cyclohexane	< 10	10	< 34.4	34.4		20	12/5/2016	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	12/5/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	12/5/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	12/5/2016	76-14-2
Ethanol	< 100	100	< 188	188		20	12/5/2016	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	12/5/2016	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	12/5/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 10212016
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	11/21/2016
Lab ID:	02	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41.0	41.0		20	12/5/2016	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	12/5/2016	87-68-3
Hexane	**701**	**20**	**2,467**	**70.4**		20	12/5/2016	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	12/5/2016	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	12/5/2016	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	12/5/2016	1634-04-4
Methylcyclohexane	**567**	**20**	**2,280**	**80.4**		20	12/5/2016	108-87-2
Methylene chloride	< 40	40	< 139	139		20	12/5/2016	75-09-2
Naphthalene	< 100	100	< 524	524		20	12/5/2016	91-20-3
Nonane	< 20	20	< 105	105		20	12/5/2016	111-84-2
Octane	< 20	20	< 93.4	93.4		20	12/5/2016	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	12/5/2016	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	12/5/2016	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	12/5/2016	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	12/5/2016	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	12/5/2016	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	12/5/2016	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	12/5/2016	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	12/5/2016	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	12/5/2016	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	12/5/2016	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	12/5/2016	542-75-6
Trichloroethene	< 10	10	< 53.7	53.7		20	12/5/2016	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	12/5/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	12/5/2016	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2		20	12/5/2016	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	12/5/2016	75-01-4
Surr: 4-Bromofluorobenzene	110	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011205 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/5/2016	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	12/5/2016	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/5/2016	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/5/2016	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	12/5/2016	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	12/5/2016	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/5/2016	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	12/5/2016	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	12/5/2016	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/5/2016	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	12/5/2016	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/5/2016	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	12/5/2016	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	12/5/2016	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	12/5/2016	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	12/5/2016	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	12/5/2016	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	12/5/2016	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	12/5/2016	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	12/5/2016	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	12/5/2016	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	12/5/2016	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	12/5/2016	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	12/5/2016	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	12/5/2016	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	12/5/2016	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	12/5/2016	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	12/5/2016	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	12/5/2016	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	12/5/2016	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/5/2016	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	12/5/2016	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	12/5/2016	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	12/5/2016	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	12/5/2016	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	12/5/2016	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	12/5/2016	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/5/2016	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/5/2016	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	12/5/2016	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	12/5/2016	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	12/5/2016	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	12/5/2016	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	12/5/2016	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	12/5/2016	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	12/5/2016	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011205 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	12/5/2016	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	12/5/2016	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	12/5/2016	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/5/2016	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	12/5/2016	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	12/5/2016	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	12/5/2016	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	12/5/2016	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	12/5/2016	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	12/5/2016	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	12/5/2016	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	12/5/2016	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	12/5/2016	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/5/2016	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/5/2016	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	12/5/2016	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/5/2016	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	12/5/2016	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	12/5/2016	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	12/5/2016	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/5/2016	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/5/2016	542-75-6
Trichloroethene	< 1.0	1.0	< 5.37	5.37		1	12/5/2016	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	12/5/2016	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	12/5/2016	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	12/5/2016	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	12/5/2016	75-01-4
Surr: 4-Bromofluorobenzene	97.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/5/2016 Batch: MS011205 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.2	82.4	8.9	89.0	10.0	7.7	ppbv			
Dichlorodifluoromethane(F-12)	10.6	106	11.0	110	10.0	3.7	ppbv			
Chloromethane	9.5	94.9	10.5	105	10.0	9.6	ppbv			
Dichlorotetrafluoroethane(F-114)	10.5	105	11.1	111	10.0	5.3	ppbv			
Vinyl Chloride	9.2	92.1	9.8	97.7	10.0	5.9	ppbv			
1,3-Butadiene	8.7	87.1	9.2	91.5	10.0	4.9	ppbv			
Bromomethane	9.4	94.4	10.3	103	10.0	8.7	ppbv			
Chloroethane	9.0	89.5	9.1	91.1	10.0	1.8	ppbv			
Ethanol	9.4	94.0	9.9	99.4	10.0	5.6	ppbv			
Bromoethene(Vinyl Bromide)	10.1	101	10.5	105	10.0	3.8	ppbv			
Trichlorofluoromethane (F-11)	10.8	108	11.1	111	10.0	2.5	ppbv			
Acetone	9.3	93.3	9.9	98.6	10.0	5.5	ppbv			
Isopropyl Alcohol (2-Propanol)	9.4	94.0	10.3	103	10.0	9.4	ppbv			
1,1-Dichloroethene	9.7	96.6	9.9	99.3	10.0	2.8	ppbv			
Trichlorotrifluoroethane (F-113)	10.1	101	10.4	104	10.0	3.7	ppbv			
Methylene Chloride	9.2	92.1	9.4	93.9	10.0	1.9	ppbv			
Allyl Chloride	9.3	93.2	10.0	100	10.0	7.3	ppbv			
Carbon disulfide	9.6	95.9	10.1	101	10.0	5.0	ppbv			
trans-1,2-Dichloroethene	9.9	99.2	10.3	103	10.0	3.9	ppbv			
Methyl tert-butyl ether	10.8	108	11.5	115	10.0	5.7	ppbv			
1,1-Dichloroethane	9.7	97.1	10.0	99.7	10.0	2.6	ppbv			
Vinyl acetate	9.6	96.1	10.0	99.5	10.0	3.5	ppbv			
2-Butanone (MEK)	10.6	106	10.7	107	10.0	0.8	ppbv			
Hexane	9.8	98.2	10.4	104	10.0	5.8	ppbv			
cis-1,2-Dichloroethene	10.1	101	10.3	103	10.0	2.4	ppbv			
Ethyl Acetate	9.3	93.4	9.6	96.1	10.0	2.8	ppbv			
Chloroform	10.2	102	10.4	104	10.0	2.0	ppbv			
Tetrahydrofuran	9.6	95.7	10.0	100	10.0	4.6	ppbv			
1,1,1-Trichloroethane	11.0	110	11.3	113	10.0	3.0	ppbv			
1,2-Dichloroethane	10.0	100	10.0	100	10.0	0.2	ppbv			
Benzene	9.6	95.9	9.9	98.8	10.0	3.0	ppbv			
Carbon tetrachloride	11.0	110	11.3	113	10.0	2.8	ppbv			
Cyclohexane	9.2	92.1	9.7	96.9	10.0	5.1	ppbv			
2,2,4-Trimethylpentane	10.0	100	10.3	103	10.0	3.0	ppbv			
Heptane	8.9	89.4	9.4	94.0	10.0	5.0	ppbv			
1,2-Dichloropropane	9.2	91.5	9.4	93.5	10.0	2.2	ppbv			
Trichloroethene	10.0	100	10.5	105	10.0	4.8	ppbv			
Bromodichloromethane	10.2	102	10.9	109	10.0	6.3	ppbv			
1,4-Dioxane	9.3	93.2	9.2	92.4	10.0	0.9	ppbv			
Methylcyclohexane	9.8	97.9	10.4	104	10.0	6.1	ppbv			
cis-1,3-Dichloropropene	10.2	102	10.4	104	10.0	2.1	ppbv			
4-methyl-2-pentanone	9.9	99.4	10.3	103	10.0	3.5	ppbv			
trans-1,3-Dichloropropene	10.6	106	11.3	113	10.0	6.8	ppbv			
Toluene	9.7	97.2	10.4	104	10.0	6.5	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/5/2016 Batch: MS011205 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.9	99.1	10.3	103	10.0	3.6	ppbv			
2-Hexanone	9.8	97.8	10.2	102	10.0	4.1	ppbv			
n-Octane	9.4	94.1	9.8	97.9	10.0	4.0	ppbv			
Dibromochloromethane	11.0	110	11.5	115	10.0	4.3	ppbv			
1,2-Dibromoethane	10.2	102	10.9	109	10.0	6.6	ppbv			
Tetrachloroethene	10.6	106	10.9	109	10.0	2.8	ppbv			
Chlorobenzene	10.2	102	10.2	102	10.0	0.0	ppbv			
Ethylbenzene	10.4	104	10.5	105	10.0	1.1	ppbv			
m&p-Xylene	20.3	102	21.1	105	20.0	3.5	ppbv			
Bromoform	11.8	118	11.7	117	10.0	0.9	ppbv			
Styrene	10.3	103	10.5	105	10.0	1.1	ppbv			
Nonane	9.3	92.9	9.2	92.3	10.0	0.6	ppbv			
o-Xylene	10.0	99.7	10.1	101	10.0	1.5	ppbv			
1,1,2,2-Tetrachloroethane	9.6	96.0	9.7	97.4	10.0	1.4	ppbv			
Isopropylbenzene	10.8	108	10.8	108	10.0	0.4	ppbv			
n-Propylbenzene	10.5	105	10.5	105	10.0	0.0	ppbv			
4-Ethyltoluene	11.2	112	11.4	114	10.0	2.0	ppbv			
1,3,5-Trimethylbenzene	10.8	108	11.0	110	10.0	1.8	ppbv			
Tert-Butyl Benzene	11.0	110	11.0	110	10.0	0.1	ppbv			
1,2,4-Trimethylbenzene	11.2	112	10.9	109	10.0	2.3	ppbv			
Sec-Butyl Benzene	10.9	109	10.8	108	10.0	1.4	ppbv			
1,3-Dichlorobenzene	11.1	111	11.0	110	10.0	0.6	ppbv			
Benzyl chloride	12.7	127	12.2	122	10.0	3.5	ppbv			
1,4-Dichlorobenzene	11.3	113	11.3	113	10.0	0.2	ppbv			
1,2-Dichlorobenzene	11.2	112	11.2	112	10.0	0.2	ppbv			
n-Butyl Benzene	11.3	113	11.1	111	10.0	1.1	ppbv			
1,2,4-Trichlorobenzene	12.1	121	11.8	118	10.0	3.2	ppbv			
Naphthalene	11.8	118	11.6	116	10.0	1.2	ppbv			
Hexachlorobutadiene	12.3	123	12.2	122	10.0	1.2	ppbv			
Surr: 4-Bromofluorobenzene	10.6	106	10.2	102			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	16K025	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-160802-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	7/25/2017
S-160802-02	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	7/12/2017
S-160802-03	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	7/19/2017
S-161101-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/1/2017
A-161110-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	2/10/2017
A-161109-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	2/9/2017

MSF.73

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N TATUM Blvd P186	Sampler: George Hickborn Phone: 480-318-9459	16K025
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Chad Byrd	P.O. Number: SP0158	
Phone: 858-716-2908 Fax:	Fax Results: Y (N)	
E-Mail Address: CByrd@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
_X_ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	1811	111	6 (1) bag	(1) 2 5	INFLUENT 10212016	11-21-16	0955	S	1	/									
02	1790	053	6 (1) bag	(1) 2 5	EFFLUENT 10212016	11-21-16	0952	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
11-21-16	1029	[signature]	James Jones-Aitech

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 14, 2017

Client:	Brian McNamara	Work Order #:	17H026
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatume Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/31/2017

Dear Client:

Airtech Environmental Laboratories received eleven (11) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 14, 2017

Client:	Brian McNamara	Work Order #:	17H026
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatume Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/31/2017

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
17H026-01	SG04 15 08312017	TO-15	8/31/2017	0825
17H026-02	SG04 05 08312017	TO-15	8/31/2017	0845
17H026-03	SG05 15 08312017	TO-15	8/31/2017	--
17H026-04	SG05 05 08312017	TO-15	8/31/2017	1002
17H026-05	SG03 15 08312017	TO-15	8/31/2017	1037
17H026-06	SG03 05 08312017	TO-15	8/31/2017	--
17H026-07	SG02 15 08312017	TO-15	8/31/2017	--
17H026-08	SG07 15 08312017	TO-15	8/31/2017	1321
17H026-09	SG07 05 08312017	TO-15	8/31/2017	1336
17H026-10	SG06 15 08312017	TO-15	8/31/2017	1425
17H026-11	SG06 05 08312017	TO-15	8/31/2017	1450

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 14, 2017

Client:	Brian McNamara	Work Order #:	17H026
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatume Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	08/31/17

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

Airtech Environmental Laboratories (AEL) - AZ 0740
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Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
17H026-01	SG04 15 08312017	E2401	1708-06	29.0	11.30	001	1708-08
17H026-02	SG04 05 08312017	1817	1708-05	29.0	13.70	152	1708-03
17H026-03	SG05 15 08312017	1868	1708-06	29.0	13.65	189	1708-08
17H026-04	SG05 05 08312017	1790	1708-05	29.0	13.60	021	1708-08
17H026-05	SG03 15 08312017	1798	1708-05	29.0	13.24	064	1708-06
17H026-06	SG03 05 08312017	1831	1708-05	29.0	13.20	031	1708-08
17H026-07	SG02 15 08312017	E2359	1708-06	29.0	13.23	024	1708-06
17H026-08	SG07 15 08312017	E2406	1708-04	29.0	8.63	198	1708-08
17H026-09	SG07 05 08312017	E2413	1708-05	29.0	12.96	057	1708-03
17H026-10	SG06 15 08312017	1885	1708-05	29.0	13.46	014	1708-08
17H026-11	SG06 05 08312017	E2365	1708-05	29.0	13.12	135	1708-03

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG04 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5	L5	2	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/13/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7	L5	2	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2	R6	2	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	9/13/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/13/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/13/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/13/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41	L5	2	9/13/2017	108-10-1
Acetone	**14**	**10**	**32**	**24**		2	9/13/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/13/2017	107-05-1
Benzene	**1.1**	**1.0**	**3.6**	**3.2**		2	9/13/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	9/13/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/13/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/13/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/13/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/13/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3	L5	2	9/13/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/13/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	9/13/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5	L5	2	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/13/2017	76-14-2
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6	L5	2	9/13/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3	L5	2	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG04 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/13/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	9/13/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8	L5	2	9/13/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/13/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0	L5	2	9/13/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/13/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/13/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/13/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3	L5	2	9/13/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/13/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	98-06-6
Tetrachloroethene	**4.5**	**2.0**	**31**	**14**		2	9/13/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12	L5	2	9/13/2017	109-99-9
Toluene	**2.9**	**1.0**	**11**	**3.8**		2	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/13/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	9/13/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6	R6	2	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	93.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	29	20	ppbv		T4	2	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG04 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5	L5	2	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/13/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7	L5	2	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2	R6	2	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	9/13/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/13/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/13/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/13/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41	L5	2	9/13/2017	108-10-1
Acetone	< 10	10	< 24	24		2	9/13/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/13/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	9/13/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	9/13/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/13/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/13/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/13/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/13/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3	L5	2	9/13/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/13/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	9/13/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5	L5	2	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/13/2017	76-14-2
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6	L5	2	9/13/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3	L5	2	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG04 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/13/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	9/13/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8	L5	2	9/13/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/13/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0	L5	2	9/13/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/13/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/13/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/13/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3	L5	2	9/13/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/13/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	98-06-6
Tetrachloroethene	**42**	**2.0**	**290**	**14**		2	9/13/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12	L5	2	9/13/2017	109-99-9
Toluene	**2.1**	**1.0**	**7.8**	**3.8**		2	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/13/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	9/13/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6	R6	2	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	88.8	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 20	20	ppbv		T4	2	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG05 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG05 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	03	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**96**	**5.0**	**650**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	90.0	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG05 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	04	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG05 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	04	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**232**	**5.0**	**1,570**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	83.1	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG03 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	**34**	**25**	**99**	**74**		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG03 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	05	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**20**	**5.0**	**140**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	87.0	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG03 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	06	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG03 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	06	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 9.9	9.9		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	79.7	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	07	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**10**	**5.0**	**70**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 9.9	9.9		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	90.0	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG07 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	**29**	**25**	**69**	**60**		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	**3.8**	**2.5**	**19**	**12**		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG07 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	08	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**53**	**5.0**	**360**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	86.2	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Ethanol	50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG07 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG07 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	09	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**42**	**5.0**	**290**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	86.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	10	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**112**	**5.0**	**762**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	81.3	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/14/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/14/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/14/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/14/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/14/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/14/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/14/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/14/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/14/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/14/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/14/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/14/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/14/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/14/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/14/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/14/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/14/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/14/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/14/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/14/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/14/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/14/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/14/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/14/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/14/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/14/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/14/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/14/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/14/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/14/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/14/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/14/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/14/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/14/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/14/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/14/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/14/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/14/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/14/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/14/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/14/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/14/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/14/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/14/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/14/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	11	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/14/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/14/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/14/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/14/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/14/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/14/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/14/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/14/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/14/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/14/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/14/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/14/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/14/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/14/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/14/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/14/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/14/2017	98-06-6
Tetrachloroethene	**123**	**5.0**	**836**	**34**		5	9/14/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/14/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/14/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/14/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/14/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/14/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/14/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/14/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/14/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/14/2017	75-01-4
Surr: 4-Bromofluorobenzene	80.2	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/14/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010913 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/13/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/13/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/13/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/13/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/13/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/13/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/13/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/13/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/13/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/13/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/13/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/13/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/13/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/13/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/13/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/13/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/13/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/13/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/13/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/13/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/13/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/13/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/13/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/13/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/13/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/13/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/13/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/13/2017	76-14-2
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/13/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010913 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/13/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/13/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/13/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/13/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/13/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/13/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/13/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	9/13/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/13/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/13/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/13/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/13/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/13/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/13/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/13/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/13/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/13/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/13/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/13/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/13/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/13/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	88.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/13/2017 Batch: MS010913 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	12.0	120	11.3	113	10.0	6.3	ppbv			
Dichlorodifluoromethane(F-12)	11.2	112	11.0	110	10.0	2.4	ppbv			
Chloromethane	11.1	111	11.6	116	10.0	3.7	ppbv			
Dichlorotetrafluoroethane(F-114)	10.0	100	10.1	101	10.0	1.3	ppbv			
Vinyl Chloride	8.0	79.7	11.0	110	10.0	32.1	ppbv			R6
1,3-Butadiene	8.1	80.9	10.7	107	10.0	27.7	ppbv			R6
Bromomethane	8.3	82.7	8.9	89.2	10.0	7.6	ppbv			
Chloroethane	9.1	90.6	9.7	97.3	10.0	7.1	ppbv			
Bromoethene(Vinyl Bromide)	8.5	85.3	8.9	88.7	10.0	3.9	ppbv			
Trichlorofluoromethane (F-11)	12.1	121	10.4	104	10.0	15.4	ppbv			
Acetone	10.7	107	10.6	106	10.0	1.2	ppbv			
Isopropyl Alcohol (2-Propanol)	12.1	121	12.3	123	10.0	1.9	ppbv			
1,1-Dichloroethene	11.9	119	11.9	119	10.0	0.3	ppbv			
Trichlorotrifluoroethane (F-113)	10.5	105	10.5	105	10.0	0.0	ppbv			
Methylene Chloride	10.9	109	11.0	110	10.0	0.9	ppbv			
Allyl Chloride	12.0	120	12.0	120	10.0	0.1	ppbv			
Carbon disulfide	10.2	102	10.0	100	10.0	2.0	ppbv			
trans-1,2-Dichloroethene	12.1	121	12.0	120	10.0	0.8	ppbv			
Methyl tert-butyl ether	12.6	126	12.6	126	10.0	0.5	ppbv			
1,1-Dichloroethane	10.9	109	10.8	108	10.0	0.6	ppbv			
Vinyl acetate	13.9	139	14.2	142	10.0	2.2	ppbv	L5	L5	
2-Butanone (MEK)	11.3	113	11.1	111	10.0	2.1	ppbv			
Hexane	12.6	126	12.4	124	10.0	1.8	ppbv			
cis-1,2-Dichloroethene	12.4	124	12.4	124	10.0	0.0	ppbv			
Ethyl Acetate	13.1	131	13.3	133	10.0	1.3	ppbv	L5	L5	
Chloroform	11.8	118	11.9	119	10.0	0.6	ppbv			
Tetrahydrofuran	13.1	131	13.4	134	10.0	1.7	ppbv	L5	L5	
1,1,1-Trichloroethane	12.8	128	13.1	131	10.0	2.4	ppbv		L5	
1,2-Dichloroethane	12.6	126	12.9	129	10.0	2.0	ppbv			
Benzene	11.4	114	11.2	112	10.0	1.2	ppbv			
Carbon tetrachloride	13.0	130	13.4	134	10.0	3.1	ppbv		L5	
Cyclohexane	12.8	128	12.6	126	10.0	1.2	ppbv			
2,2,4-Trimethylpentane	12.1	121	11.9	119	10.0	1.5	ppbv			
Heptane	12.8	128	13.0	130	10.0	1.9	ppbv			
1,2-Dichloropropane	12.0	120	11.8	118	10.0	2.2	ppbv			
Trichloroethene	12.7	127	12.7	127	10.0	0.4	ppbv			
Bromodichloromethane	12.6	126	12.8	128	10.0	1.7	ppbv			
1,4-Dioxane	12.8	128	11.4	114	10.0	11.0	ppbv			
Methylcyclohexane	13.1	131	12.9	129	10.0	0.9	ppbv	L5		
cis-1,3-Dichloropropene	13.1	131	13.1	131	10.0	0.6	ppbv	L5	L5	
4-methyl-2-pentanone	13.8	138	13.5	135	10.0	1.9	ppbv	L5	L5	
trans-1,3-Dichloropropene	14.8	148	14.7	147	10.0	0.5	ppbv	L5	L5	
Toluene	12.6	126	12.6	126	10.0	0.2	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/13/2017 Batch: MS010913 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	12.3	123	12.2	122	10.0	0.1	ppbv			
2-Hexanone	11.6	116	11.3	113	10.0	3.3	ppbv			
n-Octane	13.7	137	13.8	138	10.0	0.7	ppbv	L5	L5	
Dibromochloromethane	13.5	135	13.7	137	10.0	1.5	ppbv	L5	L5	
1,2-Dibromoethane	13.0	130	13.1	131	10.0	1.0	ppbv		L5	
Tetrachloroethene	12.4	124	12.4	124	10.0	0.6	ppbv			
Chlorobenzene	12.1	121	12.2	122	10.0	1.2	ppbv			
Ethylbenzene	13.1	131	13.2	132	10.0	0.6	ppbv	L5	L5	
m&p-Xylene	24.9	124	24.4	122	20.0	1.9	ppbv			
Bromoform	12.6	126	12.7	127	10.0	1.0	ppbv			
Styrene	11.2	112	11.2	112	10.0	0.4	ppbv			
Nonane	11.0	110	11.1	111	10.0	0.9	ppbv			
o-Xylene	11.6	116	11.7	117	10.0	0.9	ppbv			
1,1,2,2-Tetrachloroethane	10.8	108	10.7	107	10.0	1.2	ppbv			
Isopropylbenzene	13.3	133	13.6	136	10.0	2.2	ppbv	L5	L5	
n-Propylbenzene	12.3	123	12.4	124	10.0	0.9	ppbv			
4-Ethyltoluene	12.7	127	13.0	130	10.0	1.8	ppbv			
1,3,5-Trimethylbenzene	12.3	123	12.6	126	10.0	2.0	ppbv			
Tert-Butyl Benzene	12.3	123	12.5	125	10.0	1.6	ppbv			
1,2,4-Trimethylbenzene	11.9	119	12.1	121	10.0	2.2	ppbv			
Sec-Butyl Benzene	11.5	115	11.6	116	10.0	0.9	ppbv			
1,3-Dichlorobenzene	10.3	103	10.3	103	10.0	0.6	ppbv			
Benzyl chloride	12.7	127	13.1	131	10.0	2.6	ppbv		L5	
1,4-Dichlorobenzene	11.3	113	11.4	114	10.0	1.2	ppbv			
1,2-Dichlorobenzene	11.2	112	11.3	113	10.0	1.2	ppbv			
n-Butyl Benzene	11.5	115	11.6	116	10.0	1.0	ppbv			
1,2,4-Trichlorobenzene	11.1	111	11.3	113	10.0	2.1	ppbv			
Naphthalene	11.5	115	11.8	118	10.0	2.9	ppbv			
Hexachlorobutadiene	8.6	85.8	8.5	85.3	10.0	0.6	ppbv			
Surr: 4-Bromofluorobenzene	9.7	97.3	9.7	97.3			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-161101-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/1/2017
A-170912-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	12/2/2017
A-170912-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/1/2017

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N. TATUM. Blvd P-186	Sampler: George A Nichols Phone: 480-318-9459	1714026
	Project Name: CVS Project Number: Spo 158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: Spo 158	
Phone: 602-513-5816 Fax: N/A	Fax Results: Y (N)	
E-Mail Address: BMCNAMARAG@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt	Turn Around Request	Sample Type
Temperature____ °C	___ 24 Hours ___ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes___ No___	___ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes___ No___	___ 5 working Day	I: indoor air
Total # of Containers:___	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E-2401	001	6 (1) bag	(1) 2 5	SG04 15 083120	8-31-17	0825	S	1	/									
02	1817	152	6 (1) bag	(1) 2 5	SG04 05 083120		0845			/									
03	1868	189	6 (1) bag	(1) 2 5	SG05 15 083120					/									
04	1790	021	6 (1) bag	(1) 2 5	SG15 05 083120		1002			/									
05	1798	064	6 (1) bag	(1) 2 5	SG03 15 083120		1037			/									
06	1831	031	6 (1) bag	(1) 2 5	SG03 05 083120					/									
07	E2359	024	6 (1) bag	(1) 2 5	SG02 15 083120					/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-31-17	1500	[signature]	[signature]
8-31-17	1575	[signature]	James Jones - Airtech

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N. TATUM Blvd P-186	Sampler: George A Hichen Phone: 480-318-9459	1714026
	Project Name: CVS Project Number: Sp0158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: Sp0158	
Phone: 602-513-5816 Fax:	Fax Results: Y (N)	
E-Mail Address: BMCNAMARA@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes____ No____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes____ No____	____ 5 working Day	I: indoor air
Total # of Containers:_____	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
08	E2406	198	6 (1) bag	(1) 2 5	SG071508312017	8-31-17	1321	S	1	/									
09	E2413	057	6 (1) bag	(1) 2 5	SG070508312017	8-31-17	1336	S	1	/									
10	1885	014	6 (1) bag	(1) 2 5	SG061508312017	8-31-17	1425	S	1	/									
11	E2365	135	6 (1) bag	(1) 2 5	SG060508312017	8-31-17	1450	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-31-17	1500	[signature]	[signature]
8-31-17	1515	[signature]	Jam Jam - Airtech

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 14, 2017

Client:	Brian McNamara	Work Order #:	17H026
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatume Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/31/2017

Dear Client:

Airtech Environmental Laboratories received eleven (11) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 14, 2017

Client:	Brian McNamara	Work Order #:	17H026
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatume Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	8/31/2017

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
17H026-01	SG04 15 08312017	TO-15	8/31/2017	0825
17H026-02	SG04 05 08312017	TO-15	8/31/2017	0845
17H026-03	SG05 15 08312017	TO-15	8/31/2017	--
17H026-04	SG05 05 08312017	TO-15	8/31/2017	1002
17H026-05	SG03 15 08312017	TO-15	8/31/2017	1037
17H026-06	SG03 05 08312017	TO-15	8/31/2017	--
17H026-07	SG02 15 08312017	TO-15	8/31/2017	--
17H026-08	SG07 15 08312017	TO-15	8/31/2017	1321
17H026-09	SG07 05 08312017	TO-15	8/31/2017	1336
17H026-10	SG06 15 08312017	TO-15	8/31/2017	1425
17H026-11	SG06 05 08312017	TO-15	8/31/2017	1450

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 14, 2017

Client:	Brian McNamara	Work Order #:	17H026
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatume Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	08/31/17

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
17H026-01	SG04 15 08312017	E2401	1708-06	29.0	11.30	001	1708-08
17H026-02	SG04 05 08312017	1817	1708-05	29.0	13.70	152	1708-03
17H026-03	SG05 15 08312017	1868	1708-06	29.0	13.65	189	1708-08
17H026-04	SG05 05 08312017	1790	1708-05	29.0	13.60	021	1708-08
17H026-05	SG03 15 08312017	1798	1708-05	29.0	13.24	064	1708-06
17H026-06	SG03 05 08312017	1831	1708-05	29.0	13.20	031	1708-08
17H026-07	SG02 15 08312017	E2359	1708-06	29.0	13.23	024	1708-06
17H026-08	SG07 15 08312017	E2406	1708-04	29.0	8.63	198	1708-08
17H026-09	SG07 05 08312017	E2413	1708-05	29.0	12.96	057	1708-03
17H026-10	SG06 15 08312017	1885	1708-05	29.0	13.46	014	1708-08
17H026-11	SG06 05 08312017	E2365	1708-05	29.0	13.12	135	1708-03

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG04 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5	L5	2	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/13/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7	L5	2	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2	R6	2	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	9/13/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/13/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/13/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/13/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41	L5	2	9/13/2017	108-10-1
Acetone	**14**	**10**	**32**	**24**		2	9/13/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/13/2017	107-05-1
Benzene	**1.1**	**1.0**	**3.6**	**3.2**		2	9/13/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	9/13/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/13/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/13/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/13/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/13/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3	L5	2	9/13/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/13/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	9/13/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5	L5	2	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/13/2017	76-14-2
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6	L5	2	9/13/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3	L5	2	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG04 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/13/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	9/13/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8	L5	2	9/13/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/13/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0	L5	2	9/13/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/13/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/13/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/13/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3	L5	2	9/13/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/13/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	98-06-6
Tetrachloroethene	**4.5**	**2.0**	**31**	**14**		2	9/13/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12	L5	2	9/13/2017	109-99-9
Toluene	**2.9**	**1.0**	**11**	**3.8**		2	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/13/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	9/13/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6	R6	2	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	93.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	29	20	ppbv		T4	2	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG04 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5	L5	2	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/13/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7	L5	2	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2	R6	2	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/13/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	9/13/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/13/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/13/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/13/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41	L5	2	9/13/2017	108-10-1
Acetone	< 10	10	< 24	24		2	9/13/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/13/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	9/13/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	9/13/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/13/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/13/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/13/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/13/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3	L5	2	9/13/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/13/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/13/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	9/13/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	9/13/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5	L5	2	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/13/2017	76-14-2
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6	L5	2	9/13/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3	L5	2	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG04 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	9/13/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/13/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	9/13/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8	L5	2	9/13/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/13/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0	L5	2	9/13/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/13/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/13/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/13/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3	L5	2	9/13/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/13/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/13/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/13/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/13/2017	98-06-6
Tetrachloroethene	**42**	**2.0**	**290**	**14**		2	9/13/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12	L5	2	9/13/2017	109-99-9
Toluene	**2.1**	**1.0**	**7.8**	**3.8**		2	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	9/13/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/13/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	9/13/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6	R6	2	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	88.8	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 20	20	ppbv		T4	2	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG05 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG05 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	03	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**96**	**5.0**	**650**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	90.0	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG05 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	04	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG05 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	04	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**232**	**5.0**	**1,570**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	83.1	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG03 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	**34**	**25**	**99**	**74**		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG03 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	05	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**20**	**5.0**	**140**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	87.0	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG03 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	06	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG03 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	06	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 9.9	9.9		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	79.7	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	07	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**10**	**5.0**	**70**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 9.9	9.9		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	90.0	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG07 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	**29**	**25**	**69**	**60**		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	**3.8**	**2.5**	**19**	**12**		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG07 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	08	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**53**	**5.0**	**360**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	86.2	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Ethanol	50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG07 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG07 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	09	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**42**	**5.0**	**290**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	86.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/13/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/13/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/13/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/13/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/13/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/13/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/13/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/13/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/13/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/13/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/13/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/13/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/13/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/13/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/13/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/13/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/13/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/13/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/13/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/13/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/13/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/13/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/13/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 15 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	10	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/13/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/13/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/13/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/13/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/13/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/13/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/13/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/13/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/13/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/13/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/13/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/13/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/13/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/13/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/13/2017	98-06-6
Tetrachloroethene	**112**	**5.0**	**762**	**34**		5	9/13/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/13/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/13/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/13/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/13/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	81.3	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/13/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14	L5	5	9/14/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/14/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/14/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/14/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/14/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/14/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/14/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19	L5	5	9/14/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/14/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/14/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/14/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/14/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5	R6	5	9/14/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/14/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/14/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/14/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/14/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/14/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/14/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/14/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/14/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100	L5	5	9/14/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/14/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/14/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/14/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	9/14/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/14/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/14/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/14/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/14/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/14/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/14/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16	L5	5	9/14/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/14/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/14/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/14/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/14/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/14/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/14/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/14/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21	L5	5	9/14/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/14/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/14/2017	76-14-2
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0	L5	5	9/14/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11	L5	5	9/14/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG06 05 08312017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	8/31/2017
Lab ID:	11	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/14/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/14/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/14/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25	L5	5	9/14/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/14/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/14/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20	L5	5	9/14/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/14/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/14/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/14/2017	111-84-2
Octane	< 5.0	5.0	< 23	23	L5	5	9/14/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/14/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/14/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/14/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/14/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/14/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/14/2017	98-06-6
Tetrachloroethene	**123**	**5.0**	**836**	**34**		5	9/14/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30	L5	5	9/14/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/14/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/14/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	9/14/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/14/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/14/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/14/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	9/14/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4	R6	5	9/14/2017	75-01-4
Surr: 4-Bromofluorobenzene	80.2	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Ethanol	< 50	50	ppbv		T4	5	9/14/2017	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010913 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/13/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/13/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/13/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/13/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/13/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/13/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/13/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/13/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/13/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/13/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/13/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/13/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/13/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/13/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/13/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/13/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/13/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/13/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/13/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/13/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/13/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/13/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/13/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/13/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/13/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/13/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/13/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/13/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/13/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/13/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/13/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/13/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/13/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/13/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/13/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/13/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	9/13/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/13/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/13/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/13/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/13/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/13/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/13/2017	76-14-2
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/13/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/13/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010913 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/13/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/13/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/13/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/13/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/13/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/13/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/13/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/13/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	9/13/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/13/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/13/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/13/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/13/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/13/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/13/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/13/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/13/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/13/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/13/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/13/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/13/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/13/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/13/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/13/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/13/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/13/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/13/2017	75-01-4
Surr: 4-Bromofluorobenzene	88.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/13/2017 Batch: MS010913 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	12.0	120	11.3	113	10.0	6.3	ppbv			
Dichlorodifluoromethane(F-12)	11.2	112	11.0	110	10.0	2.4	ppbv			
Chloromethane	11.1	111	11.6	116	10.0	3.7	ppbv			
Dichlorotetrafluoroethane(F-114)	10.0	100	10.1	101	10.0	1.3	ppbv			
Vinyl Chloride	8.0	79.7	11.0	110	10.0	32.1	ppbv			R6
1,3-Butadiene	8.1	80.9	10.7	107	10.0	27.7	ppbv			R6
Bromomethane	8.3	82.7	8.9	89.2	10.0	7.6	ppbv			
Chloroethane	9.1	90.6	9.7	97.3	10.0	7.1	ppbv			
Bromoethene(Vinyl Bromide)	8.5	85.3	8.9	88.7	10.0	3.9	ppbv			
Trichlorofluoromethane (F-11)	12.1	121	10.4	104	10.0	15.4	ppbv			
Acetone	10.7	107	10.6	106	10.0	1.2	ppbv			
Isopropyl Alcohol (2-Propanol)	12.1	121	12.3	123	10.0	1.9	ppbv			
1,1-Dichloroethene	11.9	119	11.9	119	10.0	0.3	ppbv			
Trichlorotrifluoroethane (F-113)	10.5	105	10.5	105	10.0	0.0	ppbv			
Methylene Chloride	10.9	109	11.0	110	10.0	0.9	ppbv			
Allyl Chloride	12.0	120	12.0	120	10.0	0.1	ppbv			
Carbon disulfide	10.2	102	10.0	100	10.0	2.0	ppbv			
trans-1,2-Dichloroethene	12.1	121	12.0	120	10.0	0.8	ppbv			
Methyl tert-butyl ether	12.6	126	12.6	126	10.0	0.5	ppbv			
1,1-Dichloroethane	10.9	109	10.8	108	10.0	0.6	ppbv			
Vinyl acetate	13.9	139	14.2	142	10.0	2.2	ppbv	L5	L5	
2-Butanone (MEK)	11.3	113	11.1	111	10.0	2.1	ppbv			
Hexane	12.6	126	12.4	124	10.0	1.8	ppbv			
cis-1,2-Dichloroethene	12.4	124	12.4	124	10.0	0.0	ppbv			
Ethyl Acetate	13.1	131	13.3	133	10.0	1.3	ppbv	L5	L5	
Chloroform	11.8	118	11.9	119	10.0	0.6	ppbv			
Tetrahydrofuran	13.1	131	13.4	134	10.0	1.7	ppbv	L5	L5	
1,1,1-Trichloroethane	12.8	128	13.1	131	10.0	2.4	ppbv		L5	
1,2-Dichloroethane	12.6	126	12.9	129	10.0	2.0	ppbv			
Benzene	11.4	114	11.2	112	10.0	1.2	ppbv			
Carbon tetrachloride	13.0	130	13.4	134	10.0	3.1	ppbv		L5	
Cyclohexane	12.8	128	12.6	126	10.0	1.2	ppbv			
2,2,4-Trimethylpentane	12.1	121	11.9	119	10.0	1.5	ppbv			
Heptane	12.8	128	13.0	130	10.0	1.9	ppbv			
1,2-Dichloropropane	12.0	120	11.8	118	10.0	2.2	ppbv			
Trichloroethene	12.7	127	12.7	127	10.0	0.4	ppbv			
Bromodichloromethane	12.6	126	12.8	128	10.0	1.7	ppbv			
1,4-Dioxane	12.8	128	11.4	114	10.0	11.0	ppbv			
Methylcyclohexane	13.1	131	12.9	129	10.0	0.9	ppbv	L5		
cis-1,3-Dichloropropene	13.1	131	13.1	131	10.0	0.6	ppbv	L5	L5	
4-methyl-2-pentanone	13.8	138	13.5	135	10.0	1.9	ppbv	L5	L5	
trans-1,3-Dichloropropene	14.8	148	14.7	147	10.0	0.5	ppbv	L5	L5	
Toluene	12.6	126	12.6	126	10.0	0.2	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/13/2017 Batch: MS010913 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	12.3	123	12.2	122	10.0	0.1	ppbv			
2-Hexanone	11.6	116	11.3	113	10.0	3.3	ppbv			
n-Octane	13.7	137	13.8	138	10.0	0.7	ppbv	L5	L5	
Dibromochloromethane	13.5	135	13.7	137	10.0	1.5	ppbv	L5	L5	
1,2-Dibromoethane	13.0	130	13.1	131	10.0	1.0	ppbv		L5	
Tetrachloroethene	12.4	124	12.4	124	10.0	0.6	ppbv			
Chlorobenzene	12.1	121	12.2	122	10.0	1.2	ppbv			
Ethylbenzene	13.1	131	13.2	132	10.0	0.6	ppbv	L5	L5	
m&p-Xylene	24.9	124	24.4	122	20.0	1.9	ppbv			
Bromoform	12.6	126	12.7	127	10.0	1.0	ppbv			
Styrene	11.2	112	11.2	112	10.0	0.4	ppbv			
Nonane	11.0	110	11.1	111	10.0	0.9	ppbv			
o-Xylene	11.6	116	11.7	117	10.0	0.9	ppbv			
1,1,2,2-Tetrachloroethane	10.8	108	10.7	107	10.0	1.2	ppbv			
Isopropylbenzene	13.3	133	13.6	136	10.0	2.2	ppbv	L5	L5	
n-Propylbenzene	12.3	123	12.4	124	10.0	0.9	ppbv			
4-Ethyltoluene	12.7	127	13.0	130	10.0	1.8	ppbv			
1,3,5-Trimethylbenzene	12.3	123	12.6	126	10.0	2.0	ppbv			
Tert-Butyl Benzene	12.3	123	12.5	125	10.0	1.6	ppbv			
1,2,4-Trimethylbenzene	11.9	119	12.1	121	10.0	2.2	ppbv			
Sec-Butyl Benzene	11.5	115	11.6	116	10.0	0.9	ppbv			
1,3-Dichlorobenzene	10.3	103	10.3	103	10.0	0.6	ppbv			
Benzyl chloride	12.7	127	13.1	131	10.0	2.6	ppbv		L5	
1,4-Dichlorobenzene	11.3	113	11.4	114	10.0	1.2	ppbv			
1,2-Dichlorobenzene	11.2	112	11.3	113	10.0	1.2	ppbv			
n-Butyl Benzene	11.5	115	11.6	116	10.0	1.0	ppbv			
1,2,4-Trichlorobenzene	11.1	111	11.3	113	10.0	2.1	ppbv			
Naphthalene	11.5	115	11.8	118	10.0	2.9	ppbv			
Hexachlorobutadiene	8.6	85.8	8.5	85.3	10.0	0.6	ppbv			
Surr: 4-Bromofluorobenzene	9.7	97.3	9.7	97.3			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17H026	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-161101-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/1/2017
A-170912-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	12/2/2017
A-170912-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/1/2017

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N. TATUM. Blvd P-186	Sampler: George A Nichols Phone: 480-318-9459	1714026
	Project Name: CVS Project Number: Spo 158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: Spo 158	
Phone: 602-513-5816 Fax: N/A	Fax Results: Y (N)	
E-Mail Address: BMCNAMARAG@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt	Turn Around Request	Sample Type
Temperature____ °C	___ 24 Hours ___ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes___ No___	___ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes___ No___	___ 5 working Day	I: indoor air
Total # of Containers:___	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E-2401	001	6 (1) bag	(1) 2 5	SG04 15 083120	8-31-17	0825	S	1	/									
02	1817	152	6 (1) bag	(1) 2 5	SG04 05 083120		0845			/									
03	1868	189	6 (1) bag	(1) 2 5	SG05 15 083120					/									
04	1790	021	6 (1) bag	(1) 2 5	SG15 05 083120		1002			/									
05	1798	064	6 (1) bag	(1) 2 5	SG03 15 083120		1037			/									
06	1831	031	6 (1) bag	(1) 2 5	SG03 05 083120					/									
07	E2359	024	6 (1) bag	(1) 2 5	SG02 15 083120					/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-31-17	1500	[signature]	[signature]
8-31-17	1575	[signature]	James Jones - Airtech

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N. TATUM Blvd P-186	Sampler: George A Hichen Phone: 480-318-9459	1714026
	Project Name: CVS Project Number: Sp0158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: Sp0158	
Phone: 602-513-5816 Fax:	Fax Results: Y (N)	
E-Mail Address: BMCNAMARA@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes____ No____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes____ No____	____ 5 working Day	I: indoor air
Total # of Containers:_____	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
08	E2406	198	6 (1) bag	(1) 2 5	SG071508312017	8-31-17	1321	S	1	/									
09	E2413	057	6 (1) bag	(1) 2 5	SG070508312017	8-31-17	1336	S	1	/									
10	1885	014	6 (1) bag	(1) 2 5	SG061508312017	8-31-17	1425	S	1	/									
11	E2365	135	6 (1) bag	(1) 2 5	SG060508312017	8-31-17	1450	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-31-17	1500	[signature]	[signature]
8-31-17	1515	[signature]	Jam Jam - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2017

Client:	Brian McNamara	Work Order #:	17I001
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/1/2017

Dear Client:

Airtech Environmental Laboratories received eleven (11) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2017

Client:	Brian McNamara	Work Order #:	17I001
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/1/2017

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
17I001-01	SG02 05 09012017	TO-15	9/1/2017	0543
17I001-02	SG01 15 09012017	TO-15	9/1/2017	0603
17I001-03	SG01 05 09012017	TO-15	9/1/2017	0615
17I001-04	SVE 01 09012017	TO-15	9/1/2017	0654
17I001-05	SVE 02 09012017	TO-15	9/1/2017	0657
17I001-06	SVE 03 09012017	TO-15	9/1/2017	0700
17I001-07	SVE 04 09012017	TO-15	9/1/2017	0703
17I001-08	SVE 05 09012017	TO-15	9/1/2017	0706
17I001-09	SVE 06 09012017	TO-15	9/1/2017	0709
17I001-10	Effluent 09012017	TO-15	9/1/2017	0715
17I001-11	Influent 09012017	TO-15	9/1/2017	0720

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2017

Client:	Brian McNamara	Work Order #:	17I001
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	09/01/17

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
17I001-01	SG02 05 09012017	1797	1708-08	29.0	14.24	041	1706-04
17I001-02	SG01 15 09012017	1833	1708-08	29.0	14.02	062	1706-04
17I001-03	SG01 05 09012017	E2408	1708-05	29.0	13.56	047	1708-08
17I001-04	SVE 01 09012017	E2295	1708-07	29.0	12.15	111	1706-04
17I001-05	SVE 02 09012017	1835	1708-07	29.0	11.94	010	1706-04
17I001-06	SVE 03 09012017	1814	1708-07	29.0	12.12	194	1706-04
17I001-07	SVE 04 09012017	E2099	1708-07	29.0	12.23	072	1706-04
17I001-08	SVE 05 09012017	E2369	1708-07	29.0	11.97	085	1708-03
17I001-09	SVE 06 09012017	E2101	1708-07	29.0	12.01	199	1706-04
17I001-10	Effluent 09012017	E2389	1708-07	29.0	14.16	091	1706-04
17I001-11	Influent 09012017	E2093	1708-07	29.0	12.14	012	1706-04

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/15/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/15/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/15/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/15/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	9/15/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/15/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/15/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/15/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	9/15/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/15/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/15/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/15/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/15/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	9/15/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/15/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/15/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/15/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/15/2017	76-14-2
Ethanol	< 25	25	< 47	47		5	9/15/2017	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	9/15/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/15/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/15/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/15/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/15/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	9/15/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/15/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/15/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/15/2017	111-84-2
Octane	< 5.0	5.0	< 23	23		5	9/15/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/15/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/15/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/15/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	98-06-6
Tetrachloroethene	**6.1**	**5.0**	**41**	**34**		5	9/15/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	9/15/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/15/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	9/15/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	84.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 15 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	02	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/17/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/17/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/17/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/17/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/17/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/17/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/17/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/17/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/17/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/17/2017	78-93-3
2-Hexanone	< 25	25	< 103	103		5	9/17/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/17/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 103	103		5	9/17/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/17/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/17/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/17/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	9/17/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/17/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/17/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/17/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/17/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/17/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	9/17/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/17/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/17/2017	75-00-3
Chloroform	**11**	**2.5**	**55**	**12**		5	9/17/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/17/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/17/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/17/2017	76-14-2
Ethanol	< 25	25	< 47	47		5	9/17/2017	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	9/17/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 15 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/17/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/17/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/17/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	9/17/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/17/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	9/17/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/17/2017	75-09-2
Naphthalene	< 25	25	< 131	131		5	9/17/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/17/2017	111-84-2
Octane	< 5.0	5.0	< 23	23		5	9/17/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/17/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/17/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/17/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/17/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/17/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/17/2017	98-06-6
Tetrachloroethene	**29**	**5.0**	**190**	**34**		5	9/17/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	9/17/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/17/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/17/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	9/17/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/15/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/15/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/15/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/15/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	9/15/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/15/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/15/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/15/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	9/15/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/15/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/15/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/15/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/15/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	9/15/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/15/2017	75-00-3
Chloroform	**12**	**2.5**	**60**	**12**		5	9/15/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/15/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/15/2017	76-14-2
Ethanol	< 25	25	< 47	47		5	9/15/2017	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	9/15/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/15/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/15/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/15/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/15/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	9/15/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/15/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/15/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/15/2017	111-84-2
Octane	< 5.0	5.0	< 23	23		5	9/15/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/15/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/15/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/15/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	98-06-6
Tetrachloroethene	**33**	**5.0**	**230**	**34**		5	9/15/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	9/15/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/15/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	9/15/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	78.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 01 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	9/17/2017	123-91-1
2,2,4-Trimethylpentane	**2,540**	**100**	**11,800**	**466**		200	9/17/2017	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/17/2017	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	9/17/2017	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/17/2017	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/17/2017	107-05-1
Benzene	**586**	**100**	**1,870**	**319**		200	9/17/2017	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	9/17/2017	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/17/2017	593-60-2
Bromoform	< 100	100	< 1,030	1,030		200	9/17/2017	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/17/2017	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	9/17/2017	104-51-8
Carbon disulfide	< 400	400	< 1,240	1,240		200	9/17/2017	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/17/2017	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/17/2017	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/17/2017	75-00-3
Chloroform	< 100	100	< 488	488		200	9/17/2017	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-01-5
Cyclohexane	**4,720**	**100**	**16,200**	**344**		200	9/17/2017	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/17/2017	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	9/17/2017	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/17/2017	141-78-6
Ethylbenzene	**178**	**100**	**773**	**434**		200	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 01 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**2,140**	**100**	**8,770**	**410**		200	9/17/2017	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	9/17/2017	87-68-3
Hexane	**7,900**	**200**	**27,800**	**704**		200	9/17/2017	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/17/2017	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	9/17/2017	1634-04-4
Methylcyclohexane	**4,680**	**200**	**18,800**	**804**		200	9/17/2017	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	9/17/2017	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/17/2017	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	9/17/2017	111-84-2
Octane	**272**	**200**	**1,270**	**934**		200	9/17/2017	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/17/2017	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/17/2017	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/17/2017	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	135-98-8
Styrene	< 100	100	< 426	426		200	9/17/2017	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	9/17/2017	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	9/17/2017	109-99-9
Toluene	**162**	**100**	**611**	**377**		200	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/17/2017	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/17/2017	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 02 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	**1.2**	**1.0**	**5.7**	**4.9**		2	9/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/17/2017	123-91-1
2,2,4-Trimethylpentane	**2.0**	**1.0**	**9.5**	**4.7**		2	9/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	9/17/2017	108-10-1
Acetone	< 10	10	< 24	24		2	9/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	9/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	9/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	9/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-00-3
Chloroform	**3.4**	**1.0**	**16**	**4.9**		2	9/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-01-5
Cyclohexane	**7.7**	**1.0**	**26**	**3.4**		2	9/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/17/2017	76-14-2
Ethanol	**37**	**10**	**69**	**19**		2	9/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	9/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 02 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**1.8**	**1.0**	**7.2**	**4.1**		2	9/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/17/2017	87-68-3
Hexane	**4.8**	**2.0**	**17**	**7.0**		2	9/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/17/2017	1634-04-4
Methylcyclohexane	**5.8**	**2.0**	**23**	**8.0**		2	9/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	9/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	98-06-6
Tetrachloroethene	**5.1**	**2.0**	**35**	**14**		2	9/17/2017	127-18-4
Tetrahydrofuran	**11**	**4.0**	**33**	**12**		2	9/17/2017	109-99-9
Toluene	**1.0**	**1.0**	**3.8**	**3.8**		2	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	9/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 03 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	06	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 250	250		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 240	240		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	< 10	10	< 32	32		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 100	100		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	< 10	10	< 49	49		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 190	190		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 03 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41	41		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	9/15/2017	87-68-3
Hexane	< 20	20	< 70	70		20	9/15/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	9/15/2017	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 520	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	< 20	20	< 93	93		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**110**	**20**	**750**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	94.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 04 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 238	238		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	< 10	10	< 32	32		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 103	103		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	**12**	**10**	**58**	**49**		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 188	188		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 04 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41	41		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	9/15/2017	87-68-3
Hexane	< 20	20	< 70	70		20	9/15/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	140		20	9/15/2017	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 520	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	< 20	20	< 93	93		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**370**	**20**	**2,510**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 140	144		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 240	240		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	< 10	10	< 32	32		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 100	100		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	< 10	10	< 49	49		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 190	190		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41	41		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	9/15/2017	87-68-3
Hexane	< 20	20	< 70	70		20	9/15/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	9/15/2017	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 524	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	< 20	20	< 93	93		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**243**	**20**	**1,650**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	88.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 06 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/17/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	9/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	9/17/2017	108-10-1
Acetone	< 10	10	< 24	24		2	9/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	9/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	9/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	9/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	9/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/17/2017	76-14-2
Ethanol	**13**	**10**	**25**	**19**		2	9/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	9/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 06 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/17/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	9/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/17/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	9/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	9/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	98-06-6
Tetrachloroethene	**24**	**2.0**	**170**	**14**		2	9/17/2017	127-18-4
Tetrahydrofuran	**22**	**4.0**	**64**	**12**		2	9/17/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	9/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	89.1	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	9/17/2017	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	9/17/2017	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/17/2017	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	9/17/2017	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/17/2017	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/17/2017	107-05-1
Benzene	< 100	100	< 319	319		200	9/17/2017	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	9/17/2017	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/17/2017	593-60-2
Bromoform	< 100	100	< 1,030	1,030		200	9/17/2017	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/17/2017	74-83-9
Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	104-51-8
Carbon disulfide	< 400	400	< 1,240	1,240		200	9/17/2017	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/17/2017	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/17/2017	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/17/2017	75-00-3
Chloroform	< 100	100	< 488	488		200	9/17/2017	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-01-5
Cyclohexane	**890**	**100**	**3,060**	**344**		200	9/17/2017	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/17/2017	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	9/17/2017	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/17/2017	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	9/17/2017	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	9/17/2017	87-68-3
Hexane	**1,860**	**200**	**6,550**	**704**		200	9/17/2017	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/17/2017	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	9/17/2017	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	9/17/2017	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	9/17/2017	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/17/2017	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	9/17/2017	111-84-2
Octane	< 200	200	< 934	934		200	9/17/2017	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/17/2017	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/17/2017	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/17/2017	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	135-98-8
Styrene	< 100	100	< 426	426		200	9/17/2017	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	9/17/2017	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	9/17/2017	109-99-9
Toluene	< 100	100	< 377	377		200	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/17/2017	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/17/2017	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	90.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	**359**	**10**	**1,670**	**47**		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 250	250		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 240	240		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	**128**	**10**	**409**	**32**		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 100	100		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	< 10	10	< 49	49		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	**809**	**10**	**2,780**	**34**		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 190	190		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	**20**	**10**	**88**	**43**		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**265**	**10**	**1,090**	**41**		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	9/15/2017	87-68-3
Hexane	**1,470**	**40**	**5,170**	**140**		40	9/17/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	9/15/2017	1634-04-4
Methylcyclohexane	**619**	**20**	**2,490**	**80**		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 520	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	**36**	**20**	**170**	**93**		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**111**	**20**	**751**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010915 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/15/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/15/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/15/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/15/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/15/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/15/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/15/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/15/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/15/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/15/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/15/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/15/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/15/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/15/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/15/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/15/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/15/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/15/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/15/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/15/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/15/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/15/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/15/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/15/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/15/2017	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	9/15/2017	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/15/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010915 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/15/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/15/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/15/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/15/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/15/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/15/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/15/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	9/15/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/15/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/15/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/15/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/15/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/15/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/15/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/15/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/15/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/15/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/15/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/15/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	85.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/15/2017 Batch: MS010915 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	9.2	91.5	9.2	91.9	10.0	0.4	ppbv			
Dichlorodifluoromethane(F-12)	9.2	92.3	9.3	93.0	10.0	0.8	ppbv			
Chloromethane	8.7	87.3	8.7	86.5	10.0	0.9	ppbv			
Dichlorotetrafluoroethane(F-114)	8.8	88.2	8.7	87.1	10.0	1.3	ppbv			
Vinyl Chloride	8.4	83.7	8.3	82.5	10.0	1.4	ppbv			
1,3-Butadiene	8.3	83.3	8.4	84.0	10.0	0.8	ppbv			
Bromomethane	8.0	80.2	7.9	79.4	10.0	1.0	ppbv			
Chloroethane	7.5	74.5	7.8	78.1	10.0	4.7	ppbv			
Ethanol	9.1	90.9	8.2	82.4	10.0	9.8	ppbv			
Bromoethene(Vinyl Bromide)	8.5	85.4	7.5	75.3	10.0	12.6	ppbv			
Trichlorofluoromethane (F-11)	8.4	84.3	8.4	83.9	10.0	0.5	ppbv			
Acetone	9.1	90.8	9.4	93.6	10.0	3.0	ppbv			
Isopropyl Alcohol (2-Propanol)	8.9	88.7	8.6	85.6	10.0	3.6	ppbv			
1,1-Dichloroethene	8.7	87.4	8.6	86.1	10.0	1.5	ppbv			
Trichlorotrifluoroethane (F-113)	8.5	85.4	8.5	85.4	10.0	0.0	ppbv			
Methylene Chloride	8.0	79.6	8.1	81.1	10.0	1.9	ppbv			
Allyl Chloride	9.4	93.7	9.4	93.7	10.0	0.0	ppbv			
Carbon disulfide	9.5	94.6	9.5	94.5	10.0	0.1	ppbv			
trans-1,2-Dichloroethene	9.3	92.6	9.1	90.5	10.0	2.3	ppbv			
Methyl tert-butyl ether	9.0	90.2	8.9	88.6	10.0	1.8	ppbv			
1,1-Dichloroethane	8.3	83.4	8.2	82.4	10.0	1.2	ppbv			
Vinyl acetate	9.1	91.4	9.3	93.4	10.0	2.2	ppbv			
2-Butanone (MEK)	9.0	89.5	8.9	88.6	10.0	1.0	ppbv			
Hexane	9.4	93.5	9.6	95.7	10.0	2.3	ppbv			
cis-1,2-Dichloroethene	9.1	91.4	9.4	94.1	10.0	2.9	ppbv			
Ethyl Acetate	8.4	84.0	8.2	82.4	10.0	1.9	ppbv			
Chloroform	8.3	82.8	8.3	83.4	10.0	0.7	ppbv			
Tetrahydrofuran	9.3	93.2	9.0	90.1	10.0	3.4	ppbv			
1,1,1-Trichloroethane	8.4	84.0	8.4	84.2	10.0	0.2	ppbv			
1,2-Dichloroethane	8.0	79.7	8.2	81.8	10.0	2.6	ppbv			
Benzene	8.6	86.2	8.9	88.7	10.0	2.9	ppbv			
Carbon tetrachloride	8.5	85.2	8.4	84.1	10.0	1.3	ppbv			
Cyclohexane	9.1	90.5	9.2	91.7	10.0	1.3	ppbv			
2,2,4-Trimethylpentane	8.7	87.2	9.1	91.2	10.0	4.5	ppbv			
Heptane	8.2	81.9	8.3	82.6	10.0	0.9	ppbv			
1,2-Dichloropropane	8.3	82.9	8.4	84.2	10.0	1.6	ppbv			
Trichloroethene	9.1	91.2	9.0	90.3	10.0	1.0	ppbv			
Bromodichloromethane	8.9	88.5	8.7	87.2	10.0	1.5	ppbv			
1,4-Dioxane	9.4	93.5	8.5	85.0	10.0	9.5	ppbv			
Methylcyclohexane	9.9	98.5	10.1	101	10.0	2.1	ppbv			
cis-1,3-Dichloropropene	9.5	94.7	9.6	95.7	10.0	1.1	ppbv			
4-methyl-2-pentanone	8.5	85.3	8.5	84.8	10.0	0.6	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.6	96.3	10.0	0.7	ppbv			
Toluene	9.5	95.2	9.6	96.0	10.0	0.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/15/2017 Batch: MS010915 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.9	88.8	8.7	87.1	10.0	1.9	ppbv			
2-Hexanone	9.4	94.0	9.1	91.0	10.0	3.2	ppbv			
n-Octane	9.2	92.3	9.0	90.4	10.0	2.1	ppbv			
Dibromochloromethane	9.3	92.9	9.1	90.5	10.0	2.6	ppbv			
1,2-Dibromoethane	9.2	91.9	9.1	90.6	10.0	1.4	ppbv			
Tetrachloroethene	8.9	88.5	8.7	87.0	10.0	1.7	ppbv			
Chlorobenzene	8.9	88.9	8.6	86.4	10.0	2.9	ppbv			
Ethylbenzene	10.3	103	10.2	102	10.0	1.1	ppbv			
m&p-Xylene	20.5	103	20.0	100	20.0	2.6	ppbv			
Bromoform	9.9	99.0	9.5	94.8	10.0	4.3	ppbv			
Styrene	10.0	100	9.8	97.6	10.0	2.4	ppbv			
Nonane	9.5	94.8	9.1	91.0	10.0	4.1	ppbv			
o-Xylene	9.3	93.4	9.0	89.5	10.0	4.3	ppbv			
1,1,2,2-Tetrachloroethane	9.0	89.8	8.8	87.9	10.0	2.1	ppbv			
Isopropylbenzene	11.0	110	10.6	106	10.0	3.3	ppbv			
n-Propylbenzene	11.0	110	10.6	106	10.0	3.2	ppbv			
4-Ethyltoluene	11.5	115	11.0	110	10.0	4.7	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.0	100	10.0	4.4	ppbv			
Tert-Butyl Benzene	10.3	103	9.8	97.6	10.0	5.0	ppbv			
1,2,4-Trimethylbenzene	10.2	102	9.7	96.9	10.0	5.2	ppbv			
Sec-Butyl Benzene	11.4	114	11.1	111	10.0	2.6	ppbv			
1,3-Dichlorobenzene	8.9	89.3	8.6	85.7	10.0	4.1	ppbv			
Benzyl chloride	10.6	106	10.2	102	10.0	3.8	ppbv			
1,4-Dichlorobenzene	9.6	95.7	9.2	91.6	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.6	95.8	9.0	90.3	10.0	5.9	ppbv			
n-Butyl Benzene	11.9	119	11.2	112	10.0	5.8	ppbv			
1,2,4-Trichlorobenzene	9.9	98.8	9.7	97.1	10.0	1.7	ppbv			
Naphthalene	10.7	107	10.5	105	10.0	2.4	ppbv			
Hexachlorobutadiene	9.4	94.3	9.0	90.2	10.0	4.4	ppbv			
Surr: 4-Bromofluorobenzene	10.3	103	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010916 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/16/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/16/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/16/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/16/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/16/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/16/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/16/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/16/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/16/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/16/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/16/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/16/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/16/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/16/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/16/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/16/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/16/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/16/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/16/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/16/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/16/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/16/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/16/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/16/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/16/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/16/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/16/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/16/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/16/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/16/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/16/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/16/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/16/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/16/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/16/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/16/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	9/16/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/16/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/16/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/16/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/16/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/16/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/16/2017	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	9/16/2017	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/16/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/16/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010916 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/16/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/16/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/16/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/16/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/16/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/16/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/16/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/16/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	9/16/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/16/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/16/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/16/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/16/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/16/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/16/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/16/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/16/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/16/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/16/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/16/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/16/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/16/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/16/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/16/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/16/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/16/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/16/2017	75-01-4
Surr: 4-Bromofluorobenzene	87.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/16/2017 Batch: MS010916 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	7.7	77.4	8.7	86.8	10.0	11.4	ppbv			
Dichlorodifluoromethane(F-12)	8.1	81.2	8.8	88.4	10.0	8.5	ppbv			
Chloromethane	7.4	74.2	8.2	82.0	10.0	10.0	ppbv			
Dichlorotetrafluoroethane(F-114)	8.5	84.7	8.7	86.9	10.0	2.6	ppbv			
Vinyl Chloride	7.6	76.2	8.0	80.2	10.0	5.1	ppbv			
1,3-Butadiene	8.4	84.2	8.7	87.0	10.0	3.3	ppbv			
Bromomethane	9.1	91.3	8.9	89.1	10.0	2.4	ppbv			
Chloroethane	7.7	77.4	8.2	82.0	10.0	5.8	ppbv			
Ethanol	10.7	107	9.1	90.5	10.0	16.2	ppbv			
Bromoethene(Vinyl Bromide)	7.6	75.8	7.7	77.2	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.4	83.9	8.8	87.6	10.0	4.3	ppbv			
Acetone	8.3	82.6	9.0	90.2	10.0	8.8	ppbv			
Isopropyl Alcohol (2-Propanol)	8.1	81.4	9.1	90.5	10.0	10.6	ppbv			
1,1-Dichloroethene	8.5	84.8	9.1	90.9	10.0	6.9	ppbv			
Trichlorotrifluoroethane (F-113)	8.6	86.1	8.9	89.0	10.0	3.3	ppbv			
Methylene Chloride	9.3	92.6	8.5	84.8	10.0	8.8	ppbv			
Allyl Chloride	9.7	97.0	10.2	102	10.0	4.7	ppbv			
Carbon disulfide	9.1	90.8	9.4	93.5	10.0	2.9	ppbv			
trans-1,2-Dichloroethene	9.3	92.6	9.7	97.0	10.0	4.6	ppbv			
Methyl tert-butyl ether	9.4	94.1	10.5	105	10.0	10.9	ppbv			
1,1-Dichloroethane	8.9	88.7	9.2	92.3	10.0	4.0	ppbv			
Vinyl acetate	10.3	103.1	11.3	113	10.0	8.8	ppbv			
2-Butanone (MEK)	9.6	96.3	9.9	99.3	10.0	3.1	ppbv			
Hexane	10.3	103	10.9	109	10.0	5.8	ppbv			
cis-1,2-Dichloroethene	9.5	94.5	9.8	97.6	10.0	3.2	ppbv			
Ethyl Acetate	9.6	95.8	10.2	102	10.0	6.3	ppbv			
Chloroform	8.7	86.5	8.9	89.3	10.0	3.2	ppbv			
Tetrahydrofuran	9.2	91.5	10.1	101	10.0	9.5	ppbv			
1,1,1-Trichloroethane	8.7	86.8	9.1	90.6	10.0	4.3	ppbv			
1,2-Dichloroethane	8.5	85.0	9.0	90.0	10.0	5.7	ppbv			
Benzene	9.3	93.3	9.7	96.7	10.0	3.6	ppbv			
Carbon tetrachloride	8.9	88.5	9.1	90.8	10.0	2.6	ppbv			
Cyclohexane	9.9	99.1	10.2	102	10.0	2.7	ppbv			
2,2,4-Trimethylpentane	9.5	95.1	9.8	98.0	10.0	3.0	ppbv			
Heptane	9.1	91.4	9.3	93.2	10.0	2.0	ppbv			
1,2-Dichloropropane	9.1	91.2	9.3	92.9	10.0	1.8	ppbv			
Trichloroethene	9.1	91.2	9.0	90.3	10.0	1.0	ppbv			
Bromodichloromethane	9.5	94.9	9.4	94.4	10.0	0.5	ppbv			
1,4-Dioxane	10.0	99.8	8.0	80.3	10.0	21.7	ppbv			
Methylcyclohexane	10.5	105	10.7	107	10.0	2.2	ppbv			
cis-1,3-Dichloropropene	10.4	104	10.6	106	10.0	1.4	ppbv			
4-methyl-2-pentanone	9.8	98.0	10.2	102	10.0	4.2	ppbv			
trans-1,3-Dichloropropene	10.0	99.8	10.5	105	10.0	5.0	ppbv			
Toluene	9.6	96.4	9.8	97.8	10.0	1.4	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/16/2017 Batch: MS010916 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.2	92.0	9.1	91.3	10.0	0.8	ppbv			
2-Hexanone	9.9	98.5	9.8	98.3	10.0	0.2	ppbv			
n-Octane	10.1	101	10.3	103	10.0	1.9	ppbv			
Dibromochloromethane	10.0	99.6	9.9	98.6	10.0	1.0	ppbv			
1,2-Dibromoethane	9.6	95.5	9.5	95.1	10.0	0.4	ppbv			
Tetrachloroethene	9.3	93.0	9.2	91.6	10.0	1.5	ppbv			
Chlorobenzene	8.9	89.2	9.2	92.0	10.0	3.1	ppbv			
Ethylbenzene	10.6	106	11.0	110	10.0	3.3	ppbv			
m&p-Xylene	21.0	105	21.9	110	20.0	4.5	ppbv			
Bromoform	10.1	101	10.5	105	10.0	4.5	ppbv			
Styrene	10.5	105	10.9	109	10.0	3.4	ppbv			
Nonane	10.2	102	10.8	108	10.0	5.6	ppbv			
o-Xylene	9.7	97.3	10.1	101	10.0	4.0	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.7	9.5	94.9	10.0	1.3	ppbv			
Isopropylbenzene	11.5	115	12.0	120	10.0	4.3	ppbv			
n-Propylbenzene	11.7	117	12.2	122	10.0	3.9	ppbv			
4-Ethyltoluene	12.1	121	12.5	125	10.0	3.3	ppbv			
1,3,5-Trimethylbenzene	11.1	111	11.5	115	10.0	4.0	ppbv			
Tert-Butyl Benzene	10.6	106	11.0	110	10.0	3.3	ppbv			
1,2,4-Trimethylbenzene	10.6	106	11.2	112	10.0	5.2	ppbv			
Sec-Butyl Benzene	12.2	122	12.6	126	10.0	3.0	ppbv			
1,3-Dichlorobenzene	9.6	95.7	9.9	99.1	10.0	3.5	ppbv			
Benzyl chloride	10.6	106	11.3	113	10.0	6.0	ppbv			
1,4-Dichlorobenzene	9.9	98.7	10.3	103	10.0	4.6	ppbv			
1,2-Dichlorobenzene	9.8	97.6	10.3	103	10.0	5.5	ppbv			
n-Butyl Benzene	11.4	114	12.1	121	10.0	5.8	ppbv			
1,2,4-Trichlorobenzene	8.9	88.6	9.8	98.0	10.0	10.1	ppbv			
Naphthalene	10.4	104	11.4	114	10.0	8.8	ppbv			
Hexachlorobutadiene	9.7	96.8	10.1	101	10.0	4.6	ppbv			
Surr: 4-Bromofluorobenzene	10.4	104	10.6	106			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170622-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	6/22/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-161101-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/1/2017
A-170912-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	12/12/2017
A-170912-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/1/2017

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 2	AEL Lab #
Address: 1811 N. Tatum Blvd P-186	Sampler: George A Hichborn Phone: 480-318-9459	17H I001
	Project Name: CVS Project Number: 90158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: 90158	
Phone: 602-513-5816 Fax: N/A	Fax Results: Y (N)	
E-Mail Address: BMCNAMARA@GEOSYNTEC.COM	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	1797	041	6 (1) bag	(1) 2 5	SG020508012017	9-1-17	0543	S	1	X									
02	1833	062	6 (1) bag	(1) 2 5	SG01150901 2017	9-1-17	0603	S	1	/									
03	E2408	047	6 (1) bag	(1) 2 5	SG01050901 2017	9-1-17	0615	S	1	/									
04	E2295	111	6 (1) bag	(1) 2 5	SVE0109012017	9-1-17	0654	S	1	/									
05	1835	010	6 (1) bag	(1) 2 5	SVE0209012017	9-1-17	0657	S	1	/									
06	1814	194	6 (1) bag	(1) 2 5	SVE0309012017	9-1-17	0700	S	1	/									
07	E2099	072	6 (1) bag	(1) 2 5	SVE0409012017	9-1-17	0703	S	1	/									
08	E2369	085	6 (1) bag	(1) 2 5	SVE0509012017	9-1-17	0706	S	1	/									
09	E2101	199	6 (1) bag	(1) 2 5	SVE0609012017	9-1-17	0709	S	1	/									
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-1-17	0900	[signature]	[signature]
9-1-17	0940	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 2 of 2	AEL Lab #
Address: 11811 N. TATUM Blvd P-186	Sampler: George A Nichols Phone: 480-318-9459	17HI001
	Project Name: CVS Project Number: SPO158	
City, State, Zip: Phoenix AZ 85028	Project location: SPO 158	
Contact: Brian ~~McNamara~~ MCNAMARA	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y (N)	
E-Mail Address: BMCNAMARA@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C

Custody Seals: Yes_____ No_____

Custody Seals Intact: Yes_____ No_____

Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours

_____ 72 Hours

_____ 5 working Day

X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction GW: ground water

A: ambient air WW: waste water

I: indoor air

S: soil vapor

W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
10	E2389	091	6 (1) bag	(1) 2 5	EFFLUENT 09012017	9-1-17	0715	S	1	/									
11	E2093	012	6 (1) bag	(1) 2 5	INFLUENT 09012017	9-1-17	0720	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-1-17	0900	[signature]	[signature]
9-1-17	0940	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2017

Client:	Brian McNamara	Work Order #:	17I001
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/1/2017

Dear Client:

Airtech Environmental Laboratories received eleven (11) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2017

Client:	Brian McNamara	Work Order #:	17I001
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	9/1/2017

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
17I001-01	SG02 05 09012017	TO-15	9/1/2017	0543
17I001-02	SG01 15 09012017	TO-15	9/1/2017	0603
17I001-03	SG01 05 09012017	TO-15	9/1/2017	0615
17I001-04	SVE 01 09012017	TO-15	9/1/2017	0654
17I001-05	SVE 02 09012017	TO-15	9/1/2017	0657
17I001-06	SVE 03 09012017	TO-15	9/1/2017	0700
17I001-07	SVE 04 09012017	TO-15	9/1/2017	0703
17I001-08	SVE 05 09012017	TO-15	9/1/2017	0706
17I001-09	SVE 06 09012017	TO-15	9/1/2017	0709
17I001-10	Effluent 09012017	TO-15	9/1/2017	0715
17I001-11	Influent 09012017	TO-15	9/1/2017	0720

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: September 19, 2017

Client:	Brian McNamara	Work Order #:	17I001
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	09/01/17

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
17I001-01	SG02 05 09012017	1797	1708-08	29.0	14.24	041	1706-04
17I001-02	SG01 15 09012017	1833	1708-08	29.0	14.02	062	1706-04
17I001-03	SG01 05 09012017	E2408	1708-05	29.0	13.56	047	1708-08
17I001-04	SVE 01 09012017	E2295	1708-07	29.0	12.15	111	1706-04
17I001-05	SVE 02 09012017	1835	1708-07	29.0	11.94	010	1706-04
17I001-06	SVE 03 09012017	1814	1708-07	29.0	12.12	194	1706-04
17I001-07	SVE 04 09012017	E2099	1708-07	29.0	12.23	072	1706-04
17I001-08	SVE 05 09012017	E2369	1708-07	29.0	11.97	085	1708-03
17I001-09	SVE 06 09012017	E2101	1708-07	29.0	12.01	199	1706-04
17I001-10	Effluent 09012017	E2389	1708-07	29.0	14.16	091	1706-04
17I001-11	Influent 09012017	E2093	1708-07	29.0	12.14	012	1706-04

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/15/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/15/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/15/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/15/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	9/15/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/15/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/15/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/15/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	9/15/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/15/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/15/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/15/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/15/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	9/15/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/15/2017	75-00-3
Chloroform	< 2.5	2.5	< 12	12		5	9/15/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/15/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/15/2017	76-14-2
Ethanol	< 25	25	< 47	47		5	9/15/2017	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	9/15/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG02 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/15/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/15/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/15/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/15/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	9/15/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/15/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/15/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/15/2017	111-84-2
Octane	< 5.0	5.0	< 23	23		5	9/15/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/15/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/15/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/15/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	98-06-6
Tetrachloroethene	**6.1**	**5.0**	**41**	**34**		5	9/15/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	9/15/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/15/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	9/15/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	84.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 15 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	02	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/17/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/17/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/17/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/17/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/17/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/17/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/17/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/17/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/17/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/17/2017	78-93-3
2-Hexanone	< 25	25	< 103	103		5	9/17/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/17/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 103	103		5	9/17/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/17/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/17/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/17/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	9/17/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/17/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/17/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/17/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/17/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/17/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	9/17/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/17/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/17/2017	75-00-3
Chloroform	**11**	**2.5**	**55**	**12**		5	9/17/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/17/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/17/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/17/2017	76-14-2
Ethanol	< 25	25	< 47	47		5	9/17/2017	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	9/17/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 15 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/17/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/17/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/17/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	9/17/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/17/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	9/17/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/17/2017	75-09-2
Naphthalene	< 25	25	< 131	131		5	9/17/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/17/2017	111-84-2
Octane	< 5.0	5.0	< 23	23		5	9/17/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/17/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/17/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/17/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/17/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/17/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/17/2017	98-06-6
Tetrachloroethene	**29**	**5.0**	**190**	**34**		5	9/17/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	9/17/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/17/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/17/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	9/17/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	9/15/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	9/15/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	9/15/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	9/15/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	9/15/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	9/15/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	9/15/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	9/15/2017	108-10-1
Acetone	< 25	25	< 60	60		5	9/15/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	9/15/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	9/15/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	9/15/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	9/15/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	9/15/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	9/15/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	9/15/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	9/15/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	9/15/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	9/15/2017	75-00-3
Chloroform	**12**	**2.5**	**60**	**12**		5	9/15/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	9/15/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	9/15/2017	76-14-2
Ethanol	< 25	25	< 47	47		5	9/15/2017	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	9/15/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG01 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	9/15/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	9/15/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	9/15/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	9/15/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	9/15/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	9/15/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	9/15/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	9/15/2017	111-84-2
Octane	< 5.0	5.0	< 23	23		5	9/15/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	9/15/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	9/15/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	9/15/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	9/15/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	9/15/2017	98-06-6
Tetrachloroethene	**33**	**5.0**	**230**	**34**		5	9/15/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	9/15/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	9/15/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	9/15/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	9/15/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	78.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 01 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	9/17/2017	123-91-1
2,2,4-Trimethylpentane	**2,540**	**100**	**11,800**	**466**		200	9/17/2017	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/17/2017	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	9/17/2017	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/17/2017	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/17/2017	107-05-1
Benzene	**586**	**100**	**1,870**	**319**		200	9/17/2017	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	9/17/2017	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/17/2017	593-60-2
Bromoform	< 100	100	< 1,030	1,030		200	9/17/2017	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/17/2017	74-83-9
Butyl benzene	< 200	200	< 1,098	1,098		200	9/17/2017	104-51-8
Carbon disulfide	< 400	400	< 1,240	1,240		200	9/17/2017	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/17/2017	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/17/2017	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/17/2017	75-00-3
Chloroform	< 100	100	< 488	488		200	9/17/2017	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-01-5
Cyclohexane	**4,720**	**100**	**16,200**	**344**		200	9/17/2017	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/17/2017	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	9/17/2017	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/17/2017	141-78-6
Ethylbenzene	**178**	**100**	**773**	**434**		200	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 01 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**2,140**	**100**	**8,770**	**410**		200	9/17/2017	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	9/17/2017	87-68-3
Hexane	**7,900**	**200**	**27,800**	**704**		200	9/17/2017	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/17/2017	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	9/17/2017	1634-04-4
Methylcyclohexane	**4,680**	**200**	**18,800**	**804**		200	9/17/2017	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	9/17/2017	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/17/2017	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	9/17/2017	111-84-2
Octane	**272**	**200**	**1,270**	**934**		200	9/17/2017	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/17/2017	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/17/2017	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/17/2017	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	135-98-8
Styrene	< 100	100	< 426	426		200	9/17/2017	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	9/17/2017	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	9/17/2017	109-99-9
Toluene	**162**	**100**	**611**	**377**		200	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/17/2017	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/17/2017	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SVE 02 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	**1.2**	**1.0**	**5.7**	**4.9**		2	9/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/17/2017	123-91-1
2,2,4-Trimethylpentane	**2.0**	**1.0**	**9.5**	**4.7**		2	9/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	9/17/2017	108-10-1
Acetone	< 10	10	< 24	24		2	9/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	9/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	9/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	9/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-00-3
Chloroform	**3.4**	**1.0**	**16**	**4.9**		2	9/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-01-5
Cyclohexane	**7.7**	**1.0**	**26**	**3.4**		2	9/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/17/2017	76-14-2
Ethanol	**37**	**10**	**69**	**19**		2	9/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	9/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 02 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**1.8**	**1.0**	**7.2**	**4.1**		2	9/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/17/2017	87-68-3
Hexane	**4.8**	**2.0**	**17**	**7.0**		2	9/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/17/2017	1634-04-4
Methylcyclohexane	**5.8**	**2.0**	**23**	**8.0**		2	9/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	9/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	98-06-6
Tetrachloroethene	**5.1**	**2.0**	**35**	**14**		2	9/17/2017	127-18-4
Tetrahydrofuran	**11**	**4.0**	**33**	**12**		2	9/17/2017	109-99-9
Toluene	**1.0**	**1.0**	**3.8**	**3.8**		2	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	9/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SVE 03 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	06	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 250	250		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 240	240		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	< 10	10	< 32	32		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 100	100		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	< 10	10	< 49	49		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 190	190		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 03 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41	41		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	9/15/2017	87-68-3
Hexane	< 20	20	< 70	70		20	9/15/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	9/15/2017	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 520	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	< 20	20	< 93	93		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**110**	**20**	**750**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	94.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 04 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 238	238		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	< 10	10	< 32	32		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 103	103		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	**12**	**10**	**58**	**49**		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 188	188		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 04 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41	41		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	9/15/2017	87-68-3
Hexane	< 20	20	< 70	70		20	9/15/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	140		20	9/15/2017	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 520	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	< 20	20	< 93	93		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**370**	**20**	**2,510**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 140	144		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 240	240		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	< 10	10	< 32	32		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 100	100		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	< 10	10	< 49	49		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 190	190		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 05 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 10	10	< 41	41		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	9/15/2017	87-68-3
Hexane	< 20	20	< 70	70		20	9/15/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	9/15/2017	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 524	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	< 20	20	< 93	93		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**243**	**20**	**1,650**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	88.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 06 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	9/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	9/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	9/17/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	9/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	9/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	9/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	9/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	9/17/2017	108-10-1
Acetone	< 10	10	< 24	24		2	9/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	9/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	9/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	9/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	9/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	9/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	9/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	9/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	9/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	9/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	9/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	9/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	9/17/2017	76-14-2
Ethanol	**13**	**10**	**25**	**19**		2	9/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	9/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE 06 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	9/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	9/17/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	9/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	9/17/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	9/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	9/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	9/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	9/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	9/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	9/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	9/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	9/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	9/17/2017	98-06-6
Tetrachloroethene	**24**	**2.0**	**170**	**14**		2	9/17/2017	127-18-4
Tetrahydrofuran	**22**	**4.0**	**64**	**12**		2	9/17/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	9/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	9/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	9/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	89.1	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	9/17/2017	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	9/17/2017	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	9/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	9/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	9/17/2017	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	9/17/2017	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	9/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	9/17/2017	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	9/17/2017	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	9/17/2017	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	9/17/2017	123-91-1
2,2,4-Trimethylpentane	< 100	100	< 466	466		200	9/17/2017	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	9/17/2017	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	9/17/2017	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	9/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	9/17/2017	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	9/17/2017	67-64-1
Allyl chloride	< 200	200	< 626	626		200	9/17/2017	107-05-1
Benzene	< 100	100	< 319	319		200	9/17/2017	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	9/17/2017	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	9/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	9/17/2017	593-60-2
Bromoform	< 100	100	< 1,030	1,030		200	9/17/2017	75-25-2
Bromomethane	< 100	100	< 388	388		200	9/17/2017	74-83-9
Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	104-51-8
Carbon disulfide	< 400	400	< 1,240	1,240		200	9/17/2017	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	9/17/2017	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	9/17/2017	108-90-7
Chloroethane	< 100	100	< 264	264		200	9/17/2017	75-00-3
Chloroform	< 100	100	< 488	488		200	9/17/2017	67-66-3
Chloromethane	< 200	200	< 414	414		200	9/17/2017	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-01-5
Cyclohexane	**890**	**100**	**3,060**	**344**		200	9/17/2017	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	9/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	9/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	9/17/2017	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880		200	9/17/2017	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	9/17/2017	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	9/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Effluent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	9/17/2017	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	9/17/2017	87-68-3
Hexane	**1,860**	**200**	**6,550**	**704**		200	9/17/2017	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	9/17/2017	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	9/17/2017	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	9/17/2017	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	9/17/2017	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	9/17/2017	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	9/17/2017	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	9/17/2017	111-84-2
Octane	< 200	200	< 934	934		200	9/17/2017	111-65-9
o-Xylene	< 100	100	< 434	434		200	9/17/2017	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	9/17/2017	115-07-1
Propylbenzene	< 200	200	< 984	984		200	9/17/2017	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	135-98-8
Styrene	< 100	100	< 426	426		200	9/17/2017	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	9/17/2017	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	9/17/2017	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	9/17/2017	109-99-9
Toluene	< 100	100	< 377	377		200	9/17/2017	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	9/17/2017	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	9/17/2017	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	9/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	9/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	9/17/2017	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	9/17/2017	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	9/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	90.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	9/15/2017	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	9/15/2017	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	9/15/2017	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	9/15/2017	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	9/15/2017	123-91-1
2,2,4-Trimethylpentane	**359**	**10**	**1,670**	**47**		20	9/15/2017	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	9/15/2017	78-93-3
2-Hexanone	< 100	100	< 410	410		20	9/15/2017	591-78-6
2-Propanol (IPA)	< 100	100	< 250	250		20	9/15/2017	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	9/15/2017	108-10-1
Acetone	< 100	100	< 240	240		20	9/15/2017	67-64-1
Allyl chloride	< 20	20	< 63	63		20	9/15/2017	107-05-1
Benzene	**128**	**10**	**409**	**32**		20	9/15/2017	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	9/15/2017	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	9/15/2017	593-60-2
Bromoform	< 10	10	< 100	100		20	9/15/2017	75-25-2
Bromomethane	< 10	10	< 39	39		20	9/15/2017	74-83-9
Butyl benzene	< 20	20	< 110	110		20	9/15/2017	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	9/15/2017	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	9/15/2017	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	9/15/2017	108-90-7
Chloroethane	< 10	10	< 26	26		20	9/15/2017	75-00-3
Chloroform	< 10	10	< 49	49		20	9/15/2017	67-66-3
Chloromethane	< 20	20	< 41	41		20	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-01-5
Cyclohexane	**809**	**10**	**2,780**	**34**		20	9/15/2017	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	9/15/2017	76-14-2
Ethanol	< 100	100	< 190	190		20	9/15/2017	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	9/15/2017	141-78-6
Ethylbenzene	**20**	**10**	**88**	**43**		20	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	Influent 09012017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	9/1/2017
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**265**	**10**	**1,090**	**41**		20	9/15/2017	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	9/15/2017	87-68-3
Hexane	**1,470**	**40**	**5,170**	**140**		40	9/17/2017	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	9/15/2017	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	9/15/2017	1634-04-4
Methylcyclohexane	**619**	**20**	**2,490**	**80**		20	9/15/2017	108-87-2
Methylene chloride	< 40	40	< 140	140		20	9/15/2017	75-09-2
Naphthalene	< 100	100	< 520	520		20	9/15/2017	91-20-3
Nonane	< 20	20	< 110	110		20	9/15/2017	111-84-2
Octane	**36**	**20**	**170**	**93**		20	9/15/2017	111-65-9
o-Xylene	< 10	10	< 43	43		20	9/15/2017	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	9/15/2017	115-07-1
Propylbenzene	< 20	20	< 98	98		20	9/15/2017	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	135-98-8
Styrene	< 10	10	< 43	43		20	9/15/2017	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	9/15/2017	98-06-6
Tetrachloroethene	**111**	**20**	**751**	**140**		20	9/15/2017	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	9/15/2017	109-99-9
Toluene	< 10	10	< 38	38		20	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	9/15/2017	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	9/15/2017	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	9/15/2017	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	92.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010915 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/15/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/15/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/15/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/15/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/15/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/15/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/15/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/15/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/15/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/15/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/15/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/15/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/15/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/15/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/15/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/15/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/15/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/15/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/15/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/15/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/15/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/15/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/15/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/15/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/15/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/15/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/15/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	9/15/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/15/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/15/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/15/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/15/2017	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	9/15/2017	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/15/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010915 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/15/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/15/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/15/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/15/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/15/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/15/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/15/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/15/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	9/15/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/15/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/15/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/15/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/15/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/15/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/15/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/15/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/15/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/15/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/15/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/15/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/15/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/15/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/15/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	85.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/15/2017 Batch: MS010915 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	9.2	91.5	9.2	91.9	10.0	0.4	ppbv			
Dichlorodifluoromethane(F-12)	9.2	92.3	9.3	93.0	10.0	0.8	ppbv			
Chloromethane	8.7	87.3	8.7	86.5	10.0	0.9	ppbv			
Dichlorotetrafluoroethane(F-114)	8.8	88.2	8.7	87.1	10.0	1.3	ppbv			
Vinyl Chloride	8.4	83.7	8.3	82.5	10.0	1.4	ppbv			
1,3-Butadiene	8.3	83.3	8.4	84.0	10.0	0.8	ppbv			
Bromomethane	8.0	80.2	7.9	79.4	10.0	1.0	ppbv			
Chloroethane	7.5	74.5	7.8	78.1	10.0	4.7	ppbv			
Ethanol	9.1	90.9	8.2	82.4	10.0	9.8	ppbv			
Bromoethene(Vinyl Bromide)	8.5	85.4	7.5	75.3	10.0	12.6	ppbv			
Trichlorofluoromethane (F-11)	8.4	84.3	8.4	83.9	10.0	0.5	ppbv			
Acetone	9.1	90.8	9.4	93.6	10.0	3.0	ppbv			
Isopropyl Alcohol (2-Propanol)	8.9	88.7	8.6	85.6	10.0	3.6	ppbv			
1,1-Dichloroethene	8.7	87.4	8.6	86.1	10.0	1.5	ppbv			
Trichlorotrifluoroethane (F-113)	8.5	85.4	8.5	85.4	10.0	0.0	ppbv			
Methylene Chloride	8.0	79.6	8.1	81.1	10.0	1.9	ppbv			
Allyl Chloride	9.4	93.7	9.4	93.7	10.0	0.0	ppbv			
Carbon disulfide	9.5	94.6	9.5	94.5	10.0	0.1	ppbv			
trans-1,2-Dichloroethene	9.3	92.6	9.1	90.5	10.0	2.3	ppbv			
Methyl tert-butyl ether	9.0	90.2	8.9	88.6	10.0	1.8	ppbv			
1,1-Dichloroethane	8.3	83.4	8.2	82.4	10.0	1.2	ppbv			
Vinyl acetate	9.1	91.4	9.3	93.4	10.0	2.2	ppbv			
2-Butanone (MEK)	9.0	89.5	8.9	88.6	10.0	1.0	ppbv			
Hexane	9.4	93.5	9.6	95.7	10.0	2.3	ppbv			
cis-1,2-Dichloroethene	9.1	91.4	9.4	94.1	10.0	2.9	ppbv			
Ethyl Acetate	8.4	84.0	8.2	82.4	10.0	1.9	ppbv			
Chloroform	8.3	82.8	8.3	83.4	10.0	0.7	ppbv			
Tetrahydrofuran	9.3	93.2	9.0	90.1	10.0	3.4	ppbv			
1,1,1-Trichloroethane	8.4	84.0	8.4	84.2	10.0	0.2	ppbv			
1,2-Dichloroethane	8.0	79.7	8.2	81.8	10.0	2.6	ppbv			
Benzene	8.6	86.2	8.9	88.7	10.0	2.9	ppbv			
Carbon tetrachloride	8.5	85.2	8.4	84.1	10.0	1.3	ppbv			
Cyclohexane	9.1	90.5	9.2	91.7	10.0	1.3	ppbv			
2,2,4-Trimethylpentane	8.7	87.2	9.1	91.2	10.0	4.5	ppbv			
Heptane	8.2	81.9	8.3	82.6	10.0	0.9	ppbv			
1,2-Dichloropropane	8.3	82.9	8.4	84.2	10.0	1.6	ppbv			
Trichloroethene	9.1	91.2	9.0	90.3	10.0	1.0	ppbv			
Bromodichloromethane	8.9	88.5	8.7	87.2	10.0	1.5	ppbv			
1,4-Dioxane	9.4	93.5	8.5	85.0	10.0	9.5	ppbv			
Methylcyclohexane	9.9	98.5	10.1	101	10.0	2.1	ppbv			
cis-1,3-Dichloropropene	9.5	94.7	9.6	95.7	10.0	1.1	ppbv			
4-methyl-2-pentanone	8.5	85.3	8.5	84.8	10.0	0.6	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.6	96.3	10.0	0.7	ppbv			
Toluene	9.5	95.2	9.6	96.0	10.0	0.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/15/2017 Batch: MS010915 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.9	88.8	8.7	87.1	10.0	1.9	ppbv			
2-Hexanone	9.4	94.0	9.1	91.0	10.0	3.2	ppbv			
n-Octane	9.2	92.3	9.0	90.4	10.0	2.1	ppbv			
Dibromochloromethane	9.3	92.9	9.1	90.5	10.0	2.6	ppbv			
1,2-Dibromoethane	9.2	91.9	9.1	90.6	10.0	1.4	ppbv			
Tetrachloroethene	8.9	88.5	8.7	87.0	10.0	1.7	ppbv			
Chlorobenzene	8.9	88.9	8.6	86.4	10.0	2.9	ppbv			
Ethylbenzene	10.3	103	10.2	102	10.0	1.1	ppbv			
m&p-Xylene	20.5	103	20.0	100	20.0	2.6	ppbv			
Bromoform	9.9	99.0	9.5	94.8	10.0	4.3	ppbv			
Styrene	10.0	100	9.8	97.6	10.0	2.4	ppbv			
Nonane	9.5	94.8	9.1	91.0	10.0	4.1	ppbv			
o-Xylene	9.3	93.4	9.0	89.5	10.0	4.3	ppbv			
1,1,2,2-Tetrachloroethane	9.0	89.8	8.8	87.9	10.0	2.1	ppbv			
Isopropylbenzene	11.0	110	10.6	106	10.0	3.3	ppbv			
n-Propylbenzene	11.0	110	10.6	106	10.0	3.2	ppbv			
4-Ethyltoluene	11.5	115	11.0	110	10.0	4.7	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.0	100	10.0	4.4	ppbv			
Tert-Butyl Benzene	10.3	103	9.8	97.6	10.0	5.0	ppbv			
1,2,4-Trimethylbenzene	10.2	102	9.7	96.9	10.0	5.2	ppbv			
Sec-Butyl Benzene	11.4	114	11.1	111	10.0	2.6	ppbv			
1,3-Dichlorobenzene	8.9	89.3	8.6	85.7	10.0	4.1	ppbv			
Benzyl chloride	10.6	106	10.2	102	10.0	3.8	ppbv			
1,4-Dichlorobenzene	9.6	95.7	9.2	91.6	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.6	95.8	9.0	90.3	10.0	5.9	ppbv			
n-Butyl Benzene	11.9	119	11.2	112	10.0	5.8	ppbv			
1,2,4-Trichlorobenzene	9.9	98.8	9.7	97.1	10.0	1.7	ppbv			
Naphthalene	10.7	107	10.5	105	10.0	2.4	ppbv			
Hexachlorobutadiene	9.4	94.3	9.0	90.2	10.0	4.4	ppbv			
Surr: 4-Bromofluorobenzene	10.3	103	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010916 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/16/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	9/16/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	9/16/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/16/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	9/16/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	9/16/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/16/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	9/16/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/16/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	9/16/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	9/16/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	9/16/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	9/16/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/16/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	9/16/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	9/16/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	9/16/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	9/16/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	9/16/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	9/16/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	9/16/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	9/16/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	9/16/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	9/16/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	9/16/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	9/16/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	9/16/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	9/16/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	9/16/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	9/16/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/16/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	9/16/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	9/16/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	9/16/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	9/16/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	9/16/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	9/16/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/16/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/16/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	9/16/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	9/16/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	9/16/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	9/16/2017	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	9/16/2017	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	9/16/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	9/16/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010916 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	9/16/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	9/16/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	9/16/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/16/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	9/16/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	9/16/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	9/16/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	9/16/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	9/16/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	9/16/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	9/16/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	9/16/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	9/16/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	9/16/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/16/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	9/16/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	9/16/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	9/16/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	9/16/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	9/16/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	9/16/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	9/16/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	9/16/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	9/16/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	9/16/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	9/16/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	9/16/2017	75-01-4
Surr: 4-Bromofluorobenzene	87.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/16/2017 Batch: MS010916 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	7.7	77.4	8.7	86.8	10.0	11.4	ppbv			
Dichlorodifluoromethane(F-12)	8.1	81.2	8.8	88.4	10.0	8.5	ppbv			
Chloromethane	7.4	74.2	8.2	82.0	10.0	10.0	ppbv			
Dichlorotetrafluoroethane(F-114)	8.5	84.7	8.7	86.9	10.0	2.6	ppbv			
Vinyl Chloride	7.6	76.2	8.0	80.2	10.0	5.1	ppbv			
1,3-Butadiene	8.4	84.2	8.7	87.0	10.0	3.3	ppbv			
Bromomethane	9.1	91.3	8.9	89.1	10.0	2.4	ppbv			
Chloroethane	7.7	77.4	8.2	82.0	10.0	5.8	ppbv			
Ethanol	10.7	107	9.1	90.5	10.0	16.2	ppbv			
Bromoethene(Vinyl Bromide)	7.6	75.8	7.7	77.2	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.4	83.9	8.8	87.6	10.0	4.3	ppbv			
Acetone	8.3	82.6	9.0	90.2	10.0	8.8	ppbv			
Isopropyl Alcohol (2-Propanol)	8.1	81.4	9.1	90.5	10.0	10.6	ppbv			
1,1-Dichloroethene	8.5	84.8	9.1	90.9	10.0	6.9	ppbv			
Trichlorotrifluoroethane (F-113)	8.6	86.1	8.9	89.0	10.0	3.3	ppbv			
Methylene Chloride	9.3	92.6	8.5	84.8	10.0	8.8	ppbv			
Allyl Chloride	9.7	97.0	10.2	102	10.0	4.7	ppbv			
Carbon disulfide	9.1	90.8	9.4	93.5	10.0	2.9	ppbv			
trans-1,2-Dichloroethene	9.3	92.6	9.7	97.0	10.0	4.6	ppbv			
Methyl tert-butyl ether	9.4	94.1	10.5	105	10.0	10.9	ppbv			
1,1-Dichloroethane	8.9	88.7	9.2	92.3	10.0	4.0	ppbv			
Vinyl acetate	10.3	103.1	11.3	113	10.0	8.8	ppbv			
2-Butanone (MEK)	9.6	96.3	9.9	99.3	10.0	3.1	ppbv			
Hexane	10.3	103	10.9	109	10.0	5.8	ppbv			
cis-1,2-Dichloroethene	9.5	94.5	9.8	97.6	10.0	3.2	ppbv			
Ethyl Acetate	9.6	95.8	10.2	102	10.0	6.3	ppbv			
Chloroform	8.7	86.5	8.9	89.3	10.0	3.2	ppbv			
Tetrahydrofuran	9.2	91.5	10.1	101	10.0	9.5	ppbv			
1,1,1-Trichloroethane	8.7	86.8	9.1	90.6	10.0	4.3	ppbv			
1,2-Dichloroethane	8.5	85.0	9.0	90.0	10.0	5.7	ppbv			
Benzene	9.3	93.3	9.7	96.7	10.0	3.6	ppbv			
Carbon tetrachloride	8.9	88.5	9.1	90.8	10.0	2.6	ppbv			
Cyclohexane	9.9	99.1	10.2	102	10.0	2.7	ppbv			
2,2,4-Trimethylpentane	9.5	95.1	9.8	98.0	10.0	3.0	ppbv			
Heptane	9.1	91.4	9.3	93.2	10.0	2.0	ppbv			
1,2-Dichloropropane	9.1	91.2	9.3	92.9	10.0	1.8	ppbv			
Trichloroethene	9.1	91.2	9.0	90.3	10.0	1.0	ppbv			
Bromodichloromethane	9.5	94.9	9.4	94.4	10.0	0.5	ppbv			
1,4-Dioxane	10.0	99.8	8.0	80.3	10.0	21.7	ppbv			
Methylcyclohexane	10.5	105	10.7	107	10.0	2.2	ppbv			
cis-1,3-Dichloropropene	10.4	104	10.6	106	10.0	1.4	ppbv			
4-methyl-2-pentanone	9.8	98.0	10.2	102	10.0	4.2	ppbv			
trans-1,3-Dichloropropene	10.0	99.8	10.5	105	10.0	5.0	ppbv			
Toluene	9.6	96.4	9.8	97.8	10.0	1.4	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 9/16/2017 Batch: MS010916 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.2	92.0	9.1	91.3	10.0	0.8	ppbv			
2-Hexanone	9.9	98.5	9.8	98.3	10.0	0.2	ppbv			
n-Octane	10.1	101	10.3	103	10.0	1.9	ppbv			
Dibromochloromethane	10.0	99.6	9.9	98.6	10.0	1.0	ppbv			
1,2-Dibromoethane	9.6	95.5	9.5	95.1	10.0	0.4	ppbv			
Tetrachloroethene	9.3	93.0	9.2	91.6	10.0	1.5	ppbv			
Chlorobenzene	8.9	89.2	9.2	92.0	10.0	3.1	ppbv			
Ethylbenzene	10.6	106	11.0	110	10.0	3.3	ppbv			
m&p-Xylene	21.0	105	21.9	110	20.0	4.5	ppbv			
Bromoform	10.1	101	10.5	105	10.0	4.5	ppbv			
Styrene	10.5	105	10.9	109	10.0	3.4	ppbv			
Nonane	10.2	102	10.8	108	10.0	5.6	ppbv			
o-Xylene	9.7	97.3	10.1	101	10.0	4.0	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.7	9.5	94.9	10.0	1.3	ppbv			
Isopropylbenzene	11.5	115	12.0	120	10.0	4.3	ppbv			
n-Propylbenzene	11.7	117	12.2	122	10.0	3.9	ppbv			
4-Ethyltoluene	12.1	121	12.5	125	10.0	3.3	ppbv			
1,3,5-Trimethylbenzene	11.1	111	11.5	115	10.0	4.0	ppbv			
Tert-Butyl Benzene	10.6	106	11.0	110	10.0	3.3	ppbv			
1,2,4-Trimethylbenzene	10.6	106	11.2	112	10.0	5.2	ppbv			
Sec-Butyl Benzene	12.2	122	12.6	126	10.0	3.0	ppbv			
1,3-Dichlorobenzene	9.6	95.7	9.9	99.1	10.0	3.5	ppbv			
Benzyl chloride	10.6	106	11.3	113	10.0	6.0	ppbv			
1,4-Dichlorobenzene	9.9	98.7	10.3	103	10.0	4.6	ppbv			
1,2-Dichlorobenzene	9.8	97.6	10.3	103	10.0	5.5	ppbv			
n-Butyl Benzene	11.4	114	12.1	121	10.0	5.8	ppbv			
1,2,4-Trichlorobenzene	8.9	88.6	9.8	98.0	10.0	10.1	ppbv			
Naphthalene	10.4	104	11.4	114	10.0	8.8	ppbv			
Hexachlorobutadiene	9.7	96.8	10.1	101	10.0	4.6	ppbv			
Surr: 4-Bromofluorobenzene	10.4	104	10.6	106			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17I001	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170622-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	6/22/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-161101-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	11/1/2017
A-170912-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	12/12/2017
A-170912-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	11/1/2017

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 2	AEL Lab #
Address: 1811 N. Tatum Blvd P-186	Sampler: George A Hichborn Phone: 480-318-9459	17H I001
	Project Name: CVS Project Number: 90158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: 90158	
Phone: 602-513-5816 Fax: N/A	Fax Results: Y (N)	
E-Mail Address: BMCNAMARA@GEOSYNTEC.COM	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	1797	041	6 (1) bag	(1) 2 5	SG020508012017	9-1-17	0543	S	1	X									
02	1833	062	6 (1) bag	(1) 2 5	SG01150901 2017	9-1-17	0603	S	1	/									
03	E2408	047	6 (1) bag	(1) 2 5	SG01050901 2017	9-1-17	0615	S	1	/									
04	E2295	111	6 (1) bag	(1) 2 5	SVE0109012017	9-1-17	0654	S	1	/									
05	1835	010	6 (1) bag	(1) 2 5	SVE0209012017	9-1-17	0657	S	1	/									
06	1814	194	6 (1) bag	(1) 2 5	SVE0309012017	9-1-17	0700	S	1	/									
07	E2099	072	6 (1) bag	(1) 2 5	SVE0409012017	9-1-17	0703	S	1	/									
08	E2369	085	6 (1) bag	(1) 2 5	SVE0509012017	9-1-17	0706	S	1	/									
09	E2101	199	6 (1) bag	(1) 2 5	SVE0609012017	9-1-17	0709	S	1	/									
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-1-17	0900	[signature]	[signature]
9-1-17	0940	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 2 of 2	AEL Lab #
Address: 11811 N. TATUM Blvd P-186	Sampler: George A Nichols Phone: 480-318-9459	17HI001
	Project Name: CVS Project Number: SPO158	
City, State, Zip: Phoenix AZ 85028	Project location: SPO 158	
Contact: Brian ~~McNamara~~ MCNAMARA	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y (N)	
E-Mail Address: BMCNAMARA@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C

Custody Seals: Yes_____ No_____

Custody Seals Intact: Yes_____ No_____

Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours

_____ 72 Hours

_____ 5 working Day

X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction GW: ground water

A: ambient air WW: waste water

I: indoor air

S: soil vapor

W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
10	E2389	091	6 (1) bag	(1) 2 5	EFFLUENT 09012017	9-1-17	0715	S	1	/									
11	E2093	012	6 (1) bag	(1) 2 5	INFLUENT 09012017	9-1-17	0720	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-1-17	0900	[signature]	[signature]
9-1-17	0940	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: December 20, 2017

Client:	Brian McNamara	Work Order #:	17L008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	12/7/2017

Dear Client:

Airtech Environmental Laboratories received twenty (20) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: December 20, 2017

Client:	Brian McNamara	Work Order #:	17L008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	12/7/2017

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
17L008-01	SG0105 12062017	TO-15	12/6/2017	1212
17L008-02	SG0115 12062017	TO-15	12/6/2017	1235
17L008-03	SG0605 12072017	TO-15	12/7/2017	1052
17L008-04	SG0615 12072017	TO-15	12/7/2017	1115
17L008-05	SG0405 12072017	TO-15	12/7/2017	0715
17L008-06	SG0415 12072017	TO-15	12/7/2017	0743
17L008-07	SG0505 12072017	TO-15	12/7/2017	0805
17L008-08	SG0515 12072017	TO-15	12/7/2017	0827
17L008-09	SG0305 12072017	TO-15	12/7/2017	0847
17L008-10	SG0315 12072017	TO-15	12/7/2017	0914
17L008-11	SG0205 12072017	TO-15	12/7/2017	0934
17L008-12	SG0215 12072017	TO-15	12/7/2017	0956
17L008-13	SG0705 12072017	TO-15	12/7/2017	1012
17L008-14	SG0715 12072017	TO-15	12/7/2017	1033
17L008-15	SVE01 12072017	TO-15	12/7/2017	1330
17L008-16	SVE02 12072017	TO-15	12/7/2017	1333
17L008-17	SVE03 12072017	TO-15	12/7/2017	1337
17L008-18	SVE04 12072017	TO-15	12/7/2017	1342
17L008-19	SVE05 12072017	TO-15	12/7/2017	1346
17L008-20	SVE06 12072017	TO-15	12/7/2017	1352

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: December 20, 2017

Client:	Brian McNamara	Work Order #:	17L008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	12/07/17

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	1 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
17L008-01	SG0105 12062017	E2103	1711-11	29.0	13.56	071	1711-03
17L008-02	SG0115 12062017	1886	1711-10	29.0	13.83	164	1711-04
17L008-03	SG0605 12072017	1856	1712-01	29.0	14.63	010	1709-07
17L008-04	SG0615 12072017	1870	1712-01	29.0	14.65	031	1711-02
17L008-05	SG0405 12072017	E2357	1711-10	29.0	14.76	014	1711-03
17L008-06	SG0415 12072017	1847	1711-11	29.0	14.69	047	1711-04
17L008-07	SG0505 12072017	1876	1711-11	29.0	14.92	095	1711-04
17L008-08	SG0515 12072017	1873	1712-03	29.0	15.02	022	1711-02
17L008-09	SG0305 12072017	E2294	1712-03	29.0	14.81	193	1711-07
17L008-10	SG0315 12072017	E2351	1712-03	29.0	14.51	065	1711-07
17L008-11	SG0205 12072017	E2385	1712-01	29.0	14.56	072	1711-02
17L008-12	SG0215 12072017	1851	1712-03	29.0	13.85	196	1711-07
17L008-13	SG0705 12072017	E2364	1712-01	29.0	14.52	085	1711-02
17L008-14	SG0715 12072017	1883	1712-01	29.0	14.68	117	1711-03
17L008-15	SVE01 12072017	E2372	1710-13	29.0	11.53	104	1711-03
17L008-16	SVE02 12072017	E2282	1711-10	29.0	12.33	086	1711-03
17L008-17	SVE03 12072017	E2287	1711-11	29.0	12.47	150	1711-04
17L008-18	SVE04 12072017	E2361	1711-11	29.0	10.58	192	1711-04
17L008-19	SVE05 12072017	0265	1711-11	29.0	12.38	012	1711-04
17L008-20	SVE06 12072017	E2368	1711-11	29.0	12.27	144	1711-03

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0105 12062017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/6/2017
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/16/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/16/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/16/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/16/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/16/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/16/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/16/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/16/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/16/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/16/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/16/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/16/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/16/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/16/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8	L5	2	12/16/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/16/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/16/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/16/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/16/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/16/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/16/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/16/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/16/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/16/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/16/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/16/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/16/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/16/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/16/2017	75-00-3
Chloroform	**1.2**	**1.0**	**5.7**	**4.9**		2	12/16/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/16/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/16/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/16/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/16/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/16/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/16/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/16/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/16/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0105 12062017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/6/2017
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/16/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/16/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/16/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/16/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/16/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/16/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/16/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/16/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/16/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/16/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/16/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/16/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/16/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/16/2017	98-06-6
Tetrachloroethene	**2.1**	**2.0**	**14**	**14**		2	12/16/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/16/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/16/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/16/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/16/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/16/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/16/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/16/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/16/2017	75-01-4
Surr: 4-Bromofluorobenzene	105	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0115 12062017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/6/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/16/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/16/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/16/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/16/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/16/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/16/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/16/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/16/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/16/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/16/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/16/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/16/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/16/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/16/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8	L5	2	12/16/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/16/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/16/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/16/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/16/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/16/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/16/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/16/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/16/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/16/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/16/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/16/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/16/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/16/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/16/2017	75-00-3
Chloroform	**7.7**	**1.0**	**37**	**4.9**		2	12/16/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/16/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/16/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/16/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/16/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/16/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/16/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/16/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/16/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0115 12062017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/6/2017
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/16/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/16/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/16/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/16/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/16/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/16/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/16/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/16/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/16/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/16/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/16/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/16/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/16/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/16/2017	98-06-6
Tetrachloroethene	**25**	**2.0**	**170**	**14**		2	12/16/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/16/2017	109-99-9
Toluene	**1.1**	**1.0**	**4.3**	**3.8**		2	12/16/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/16/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/16/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/16/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/16/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/16/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/16/2017	75-01-4
Surr: 4-Bromofluorobenzene	106	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0605 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	03	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/16/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/16/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/16/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/16/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/16/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/16/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/16/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/16/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/16/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/16/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/16/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/16/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/16/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/16/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/16/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 10	10	L5	2	12/16/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/16/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/16/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/16/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/16/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/16/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/16/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/16/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/16/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/16/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/16/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/16/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/16/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/16/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/16/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	12/16/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/16/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/16/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/16/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/16/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 10	10		2	12/16/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/16/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/16/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/16/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0605 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/16/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/16/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/16/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 10	10		2	12/16/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/16/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/16/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/16/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/16/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/16/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/16/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/16/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/16/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 10	10		2	12/16/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/16/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/16/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/16/2017	98-06-6
Tetrachloroethene	**54**	**2.0**	**370**	**14**		2	12/16/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/16/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/16/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/16/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/16/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/16/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/16/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/16/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/16/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/16/2017	75-01-4
Surr: 4-Bromofluorobenzene	106	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0615 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	12/16/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	12/16/2017	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	12/16/2017	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	12/16/2017	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	12/16/2017	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74	L5	5	12/16/2017	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12	L5	5	12/16/2017	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	12/16/2017	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	12/16/2017	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	12/16/2017	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	12/16/2017	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	12/16/2017	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	12/16/2017	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	12/16/2017	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	12/16/2017	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	12/16/2017	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	12/16/2017	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74	L5	5	12/16/2017	78-93-3
2-Hexanone	< 25	25	< 100	100		5	12/16/2017	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61	L5, R6	5	12/16/2017	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25	L5	5	12/16/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	12/16/2017	108-10-1
Acetone	< 25	25	< 60	60	L5	5	12/16/2017	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	12/16/2017	107-05-1
Benzene	< 2.5	2.5	< 8.0	8.0		5	12/16/2017	71-43-2
Benzyl chloride	< 10	10	< 52	52	L5	5	12/16/2017	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	12/16/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	12/16/2017	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	12/16/2017	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	12/16/2017	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27	L5	5	12/16/2017	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	12/16/2017	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	12/16/2017	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	12/16/2017	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	12/16/2017	75-00-3
Chloroform	**2.9**	**2.5**	**14**	**12**		5	12/16/2017	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	12/16/2017	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	12/16/2017	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	12/16/2017	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	12/16/2017	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	12/16/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	12/16/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	12/16/2017	76-14-2
Ethanol	< 25	25	< 47	47		5	12/16/2017	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	12/16/2017	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	12/16/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0615 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 2.5	2.5	< 10	10		5	12/16/2017	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53	L5	5	12/16/2017	87-68-3
Hexane	< 5.0	5.0	< 18	18		5	12/16/2017	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	12/16/2017	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	12/16/2017	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36	R6	5	12/16/2017	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	12/16/2017	108-87-2
Methylene chloride	< 10	10	< 35	35		5	12/16/2017	75-09-2
Naphthalene	< 25	25	< 130	130		5	12/16/2017	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	12/16/2017	111-84-2
Octane	< 5.0	5.0	< 23	23		5	12/16/2017	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	12/16/2017	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6	R6	5	12/16/2017	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	12/16/2017	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	12/16/2017	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	12/16/2017	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	12/16/2017	98-06-6
Tetrachloroethene	**39**	**5.0**	**270**	**34**		5	12/16/2017	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	12/16/2017	109-99-9
Toluene	< 2.5	2.5	< 9.4	9.4		5	12/16/2017	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	12/16/2017	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11	L5	5	12/16/2017	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	12/16/2017	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	12/16/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	12/16/2017	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8	L5	5	12/16/2017	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	12/16/2017	75-01-4
Surr: 4-Bromofluorobenzene	106	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0405 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	05	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34	34		10	12/15/2017	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 150	150		10	12/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38	38		10	12/15/2017	106-93-4
1,2-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23	23		10	12/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	108-67-8
1,3-Butadiene	< 5.0	5.0	< 11	11		10	12/15/2017	106-99-0
1,3-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	541-73-1
1,4-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	106-46-7
1,4-Dioxane	< 20	20	< 72	72		10	12/15/2017	123-91-1
2,2,4-Trimethylpentane	< 5.0	5.0	< 23	23		10	12/15/2017	540-84-1
2-Butanone (MEK)	< 50	50	< 150	150		10	12/15/2017	78-93-3
2-Hexanone	< 50	50	< 210	210		10	12/15/2017	591-78-6
2-Propanol (IPA)	< 50	50	< 120	120		10	12/15/2017	67-63-0
4-Ethyltoluene	< 10	10	< 49	49		10	12/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 210	210		10	12/15/2017	108-10-1
Acetone	< 50	50	< 120	120		10	12/15/2017	67-64-1
Allyl chloride	< 10	10	< 31	31		10	12/15/2017	107-05-1
Benzene	< 5.0	5.0	< 16	16		10	12/15/2017	71-43-2
Benzyl chloride	< 20	20	< 104	104		10	12/15/2017	100-44-7
Bromodichloromethane	< 5.0	5.0	< 34	34		10	12/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 22	22		10	12/15/2017	593-60-2
Bromoform	< 5.0	5.0	< 52	52		10	12/15/2017	75-25-2
Bromomethane	< 5.0	5.0	< 19	19		10	12/15/2017	74-83-9
Butyl benzene	< 10	10	< 55	55		10	12/15/2017	104-51-8
Carbon disulfide	< 20	20	< 62	62		10	12/15/2017	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31	31		10	12/15/2017	56-23-5
Chlorobenzene	< 5.0	5.0	< 23	23		10	12/15/2017	108-90-7
Chloroethane	< 5.0	5.0	< 13	13		10	12/15/2017	75-00-3
Chloroform	< 5.0	5.0	< 24	24		10	12/15/2017	67-66-3
Chloromethane	< 10	10	< 21	21		10	12/15/2017	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-01-5
Cyclohexane	< 5.0	5.0	< 17	17		10	12/15/2017	110-82-7
Dibromochloromethane	< 5.0	5.0	< 43	43		10	12/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		10	12/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35	35		10	12/15/2017	76-14-2
Ethanol	< 50	50	< 94	94		10	12/15/2017	64-17-5
Ethyl Acetate	< 5.0	5.0	< 18	18		10	12/15/2017	141-78-6
Ethylbenzene	< 5.0	5.0	< 22	22		10	12/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0405 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	05	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 5.0	5.0	< 21	21		10	12/15/2017	142-82-5
Hexachlorobutadiene	< 10	10	< 110	110		10	12/15/2017	87-68-3
Hexane	< 10	10	< 35	35		10	12/15/2017	110-54-3
Isopropylbenzene	< 10	10	< 49	49		10	12/15/2017	98-82-8
m&p-Xylene	< 10	10	< 43	43		10	12/15/2017	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72	72		10	12/15/2017	1634-04-4
Methylcyclohexane	< 10	10	< 40	40		10	12/15/2017	108-87-2
Methylene chloride	< 20	20	< 69	69		10	12/15/2017	75-09-2
Naphthalene	< 50	50	< 260	260		10	12/15/2017	91-20-3
Nonane	< 10	10	< 52	52		10	12/15/2017	111-84-2
Octane	< 10	10	< 47	47		10	12/15/2017	111-65-9
o-Xylene	< 5.0	5.0	< 22	22		10	12/15/2017	95-47-6
Propene (Propylene)	< 10	10	< 17	17		10	12/15/2017	115-07-1
Propylbenzene	< 10	10	< 49	49		10	12/15/2017	103-65-1
Sec-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	135-98-8
Styrene	< 5.0	5.0	< 21	21		10	12/15/2017	100-42-5
Tert-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	98-06-6
Tetrachloroethene	**45**	**10**	**303**	**68**		10	12/15/2017	127-18-4
Tetrahydrofuran	< 20	20	< 59	59		10	12/15/2017	109-99-9
Toluene	< 5.0	5.0	< 19	19		10	12/15/2017	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-02-6
Trichloroethene	< 5.0	5.0	< 27	27		10	12/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28	28		10	12/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38	38		10	12/15/2017	76-13-1
Vinyl acetate	< 5.0	5.0	< 18	18		10	12/15/2017	108-05-4
Vinyl chloride	< 5.0	5.0	< 13	13		10	12/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	99.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0415 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	06	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34	34		10	12/15/2017	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 150	150		10	12/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38	38		10	12/15/2017	106-93-4
1,2-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23	23		10	12/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	108-67-8
1,3-Butadiene	< 5.0	5.0	< 11	11		10	12/15/2017	106-99-0
1,3-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	541-73-1
1,4-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	106-46-7
1,4-Dioxane	< 20	20	< 72	72		10	12/15/2017	123-91-1
2,2,4-Trimethylpentane	< 5.0	5.0	< 23	23		10	12/15/2017	540-84-1
2-Butanone (MEK)	< 50	50	< 150	150		10	12/15/2017	78-93-3
2-Hexanone	< 50	50	< 210	210		10	12/15/2017	591-78-6
2-Propanol (IPA)	< 50	50	< 120	120		10	12/15/2017	67-63-0
4-Ethyltoluene	< 10	10	< 49	49		10	12/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 210	210		10	12/15/2017	108-10-1
Acetone	< 50	50	< 120	120		10	12/15/2017	67-64-1
Allyl chloride	< 10	10	< 31	31		10	12/15/2017	107-05-1
Benzene	< 5.0	5.0	< 16	16		10	12/15/2017	71-43-2
Benzyl chloride	< 20	20	< 100	100		10	12/15/2017	100-44-7
Bromodichloromethane	< 5.0	5.0	< 34	34		10	12/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 22	22		10	12/15/2017	593-60-2
Bromoform	< 5.0	5.0	< 52	52		10	12/15/2017	75-25-2
Bromomethane	< 5.0	5.0	< 19	19		10	12/15/2017	74-83-9
Butyl benzene	< 10	10	< 55	55		10	12/15/2017	104-51-8
Carbon disulfide	< 20	20	< 62	62		10	12/15/2017	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31	31		10	12/15/2017	56-23-5
Chlorobenzene	< 5.0	5.0	< 23	23		10	12/15/2017	108-90-7
Chloroethane	< 5.0	5.0	< 13	13		10	12/15/2017	75-00-3
Chloroform	< 5.0	5.0	< 24	24		10	12/15/2017	67-66-3
Chloromethane	< 10	10	< 21	21		10	12/15/2017	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-01-5
Cyclohexane	< 5.0	5.0	< 17	17		10	12/15/2017	110-82-7
Dibromochloromethane	< 5.0	5.0	< 43	43		10	12/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		10	12/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35	35		10	12/15/2017	76-14-2
Ethanol	< 50	50	< 94	94		10	12/15/2017	64-17-5
Ethyl Acetate	< 5.0	5.0	< 18	18		10	12/15/2017	141-78-6
Ethylbenzene	< 5.0	5.0	< 22	22		10	12/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0415 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 5.0	5.0	< 21	21		10	12/15/2017	142-82-5
Hexachlorobutadiene	< 10	10	< 110	110		10	12/15/2017	87-68-3
Hexane	< 10	10	< 35	35		10	12/15/2017	110-54-3
Isopropylbenzene	< 10	10	< 49	49		10	12/15/2017	98-82-8
m&p-Xylene	< 10	10	< 43	43		10	12/15/2017	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72	72		10	12/15/2017	1634-04-4
Methylcyclohexane	< 10	10	< 40	40		10	12/15/2017	108-87-2
Methylene chloride	< 20	20	< 69	69		10	12/15/2017	75-09-2
Naphthalene	< 50	50	< 260	260		10	12/15/2017	91-20-3
Nonane	< 10	10	< 52	52		10	12/15/2017	111-84-2
Octane	< 10	10	< 47	47		10	12/15/2017	111-65-9
o-Xylene	< 5.0	5.0	< 22	22		10	12/15/2017	95-47-6
Propene (Propylene)	< 10	10	< 17	17		10	12/15/2017	115-07-1
Propylbenzene	< 10	10	< 49	49		10	12/15/2017	103-65-1
Sec-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	135-98-8
Styrene	< 5.0	5.0	< 21	21		10	12/15/2017	100-42-5
Tert-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	98-06-6
Tetrachloroethene	**61**	**10**	**410**	**68**		10	12/15/2017	127-18-4
Tetrahydrofuran	< 20	20	< 59	59		10	12/15/2017	109-99-9
Toluene	< 5.0	5.0	< 19	19		10	12/15/2017	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-02-6
Trichloroethene	< 5.0	5.0	< 27	27		10	12/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28	28		10	12/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38	38		10	12/15/2017	76-13-1
Vinyl acetate	< 5.0	5.0	< 18	18		10	12/15/2017	108-05-4
Vinyl chloride	< 5.0	5.0	< 13	13		10	12/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0505 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	07	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34	34		10	12/15/2017	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 150	150		10	12/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38	38		10	12/15/2017	106-93-4
1,2-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23	23		10	12/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	108-67-8
1,3-Butadiene	< 5.0	5.0	< 11	11		10	12/15/2017	106-99-0
1,3-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	541-73-1
1,4-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	106-46-7
1,4-Dioxane	< 20	20	< 72	72		10	12/15/2017	123-91-1
2,2,4-Trimethylpentane	< 5.0	5.0	< 23	23		10	12/15/2017	540-84-1
2-Butanone (MEK)	< 50	50	< 150	150		10	12/15/2017	78-93-3
2-Hexanone	< 50	50	< 210	210		10	12/15/2017	591-78-6
2-Propanol (IPA)	< 50	50	< 120	120		10	12/15/2017	67-63-0
4-Ethyltoluene	< 10	10	< 49	49		10	12/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 210	210		10	12/15/2017	108-10-1
Acetone	< 50	50	< 120	120		10	12/15/2017	67-64-1
Allyl chloride	< 10	10	< 31	31		10	12/15/2017	107-05-1
Benzene	< 5.0	5.0	< 16	16		10	12/15/2017	71-43-2
Benzyl chloride	< 20	20	< 100	100		10	12/15/2017	100-44-7
Bromodichloromethane	< 5.0	5.0	< 34	34		10	12/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 22	22		10	12/15/2017	593-60-2
Bromoform	< 5.0	5.0	< 52	52		10	12/15/2017	75-25-2
Bromomethane	< 5.0	5.0	< 19	19		10	12/15/2017	74-83-9
Butyl benzene	< 10	10	< 55	55		10	12/15/2017	104-51-8
Carbon disulfide	< 20	20	< 62	62		10	12/15/2017	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31	31		10	12/15/2017	56-23-5
Chlorobenzene	< 5.0	5.0	< 23	23		10	12/15/2017	108-90-7
Chloroethane	< 5.0	5.0	< 13	13		10	12/15/2017	75-00-3
Chloroform	< 5.0	5.0	< 24	24		10	12/15/2017	67-66-3
Chloromethane	< 10	10	< 21	21		10	12/15/2017	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-01-5
Cyclohexane	< 5.0	5.0	< 17	17		10	12/15/2017	110-82-7
Dibromochloromethane	< 5.0	5.0	< 43	43		10	12/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		10	12/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35	35		10	12/15/2017	76-14-2
Ethanol	< 50	50	< 94	94		10	12/15/2017	64-17-5
Ethyl Acetate	< 5.0	5.0	< 18	18		10	12/15/2017	141-78-6
Ethylbenzene	< 5.0	5.0	< 22	22		10	12/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG0505 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 5.0	5.0	< 21	21		10	12/15/2017	142-82-5
Hexachlorobutadiene	< 10	10	< 110	110		10	12/15/2017	87-68-3
Hexane	< 10	10	< 35	35		10	12/15/2017	110-54-3
Isopropylbenzene	< 10	10	< 49	49		10	12/15/2017	98-82-8
m&p-Xylene	< 10	10	< 43	43		10	12/15/2017	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72	72		10	12/15/2017	1634-04-4
Methylcyclohexane	< 10	10	< 40	40		10	12/15/2017	108-87-2
Methylene chloride	< 20	20	< 69	69		10	12/15/2017	75-09-2
Naphthalene	< 50	50	< 260	260		10	12/15/2017	91-20-3
Nonane	< 10	10	< 52	52		10	12/15/2017	111-84-2
Octane	< 10	10	< 47	47		10	12/15/2017	111-65-9
o-Xylene	< 5.0	5.0	< 22	22		10	12/15/2017	95-47-6
Propene (Propylene)	< 10	10	< 17	17		10	12/15/2017	115-07-1
Propylbenzene	< 10	10	< 49	49		10	12/15/2017	103-65-1
Sec-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	135-98-8
Styrene	< 5.0	5.0	< 21	21		10	12/15/2017	100-42-5
Tert-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	98-06-6
Tetrachloroethene	**98**	**10**	**670**	**68**		10	12/15/2017	127-18-4
Tetrahydrofuran	< 20	20	< 59	59		10	12/15/2017	109-99-9
Toluene	< 5.0	5.0	< 19	19		10	12/15/2017	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-02-6
Trichloroethene	< 5.0	5.0	< 27	27		10	12/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28	28		10	12/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38	38		10	12/15/2017	76-13-1
Vinyl acetate	< 5.0	5.0	< 18	18		10	12/15/2017	108-05-4
Vinyl chloride	< 5.0	5.0	< 13	13		10	12/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	100	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0515 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	08	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34	34		10	12/15/2017	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 150	150		10	12/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38	38		10	12/15/2017	106-93-4
1,2-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23	23		10	12/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	108-67-8
1,3-Butadiene	< 5.0	5.0	< 11	11		10	12/15/2017	106-99-0
1,3-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	541-73-1
1,4-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	106-46-7
1,4-Dioxane	< 20	20	< 72	72		10	12/15/2017	123-91-1
2,2,4-Trimethylpentane	< 5.0	5.0	< 23	23		10	12/15/2017	540-84-1
2-Butanone (MEK)	< 50	50	< 150	150		10	12/15/2017	78-93-3
2-Hexanone	< 50	50	< 210	210		10	12/15/2017	591-78-6
2-Propanol (IPA)	< 50	50	< 120	120		10	12/15/2017	67-63-0
4-Ethyltoluene	< 10	10	< 49	49		10	12/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 210	210		10	12/15/2017	108-10-1
Acetone	< 50	50	< 120	120		10	12/15/2017	67-64-1
Allyl chloride	< 10	10	< 31	31		10	12/15/2017	107-05-1
Benzene	< 5.0	5.0	< 16	16		10	12/15/2017	71-43-2
Benzyl chloride	< 20	20	< 100	100		10	12/15/2017	100-44-7
Bromodichloromethane	< 5.0	5.0	< 34	34		10	12/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 22	22		10	12/15/2017	593-60-2
Bromoform	< 5.0	5.0	< 52	52		10	12/15/2017	75-25-2
Bromomethane	< 5.0	5.0	< 19	19		10	12/15/2017	74-83-9
Butyl benzene	< 10	10	< 55	55		10	12/15/2017	104-51-8
Carbon disulfide	< 20	20	< 62	62		10	12/15/2017	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31	31		10	12/15/2017	56-23-5
Chlorobenzene	< 5.0	5.0	< 23	23		10	12/15/2017	108-90-7
Chloroethane	< 5.0	5.0	< 13	13		10	12/15/2017	75-00-3
Chloroform	< 5.0	5.0	< 24	24		10	12/15/2017	67-66-3
Chloromethane	< 10	10	< 21	21		10	12/15/2017	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-01-5
Cyclohexane	< 5.0	5.0	< 17	17		10	12/15/2017	110-82-7
Dibromochloromethane	< 5.0	5.0	< 43	43		10	12/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		10	12/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35	35		10	12/15/2017	76-14-2
Ethanol	< 50	50	< 94	94		10	12/15/2017	64-17-5
Ethyl Acetate	< 5.0	5.0	< 18	18		10	12/15/2017	141-78-6
Ethylbenzene	< 5.0	5.0	< 22	22		10	12/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0515 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 5.0	5.0	< 21	21		10	12/15/2017	142-82-5
Hexachlorobutadiene	< 10	10	< 110	110		10	12/15/2017	87-68-3
Hexane	< 10	10	< 35	35		10	12/15/2017	110-54-3
Isopropylbenzene	< 10	10	< 49	49		10	12/15/2017	98-82-8
m&p-Xylene	< 10	10	< 43	43		10	12/15/2017	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72	72		10	12/15/2017	1634-04-4
Methylcyclohexane	< 10	10	< 40	40		10	12/15/2017	108-87-2
Methylene chloride	< 20	20	< 69	69		10	12/15/2017	75-09-2
Naphthalene	< 50	50	< 260	260		10	12/15/2017	91-20-3
Nonane	< 10	10	< 52	52		10	12/15/2017	111-84-2
Octane	< 10	10	< 47	47		10	12/15/2017	111-65-9
o-Xylene	< 5.0	5.0	< 22	22		10	12/15/2017	95-47-6
Propene (Propylene)	< 10	10	< 17	17		10	12/15/2017	115-07-1
Propylbenzene	< 10	10	< 49	49		10	12/15/2017	103-65-1
Sec-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	135-98-8
Styrene	< 5.0	5.0	< 21	21		10	12/15/2017	100-42-5
Tert-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	98-06-6
Tetrachloroethene	**69**	**10**	**470**	**68**		10	12/15/2017	127-18-4
Tetrahydrofuran	< 20	20	< 59	59		10	12/15/2017	109-99-9
Toluene	< 5.0	5.0	< 19	19		10	12/15/2017	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-02-6
Trichloroethene	< 5.0	5.0	< 27	27		10	12/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28	28		10	12/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38	38		10	12/15/2017	76-13-1
Vinyl acetate	< 5.0	5.0	< 18	18		10	12/15/2017	108-05-4
Vinyl chloride	< 5.0	5.0	< 13	13		10	12/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	99.6	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG0305 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	09	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34	34		10	12/15/2017	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 150	150		10	12/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38	38		10	12/15/2017	106-93-4
1,2-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23	23		10	12/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	108-67-8
1,3-Butadiene	< 5.0	5.0	< 11	11		10	12/15/2017	106-99-0
1,3-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	541-73-1
1,4-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	106-46-7
1,4-Dioxane	< 20	20	< 72	72		10	12/15/2017	123-91-1
2,2,4-Trimethylpentane	< 5.0	5.0	< 23	23		10	12/15/2017	540-84-1
2-Butanone (MEK)	< 50	50	< 150	150		10	12/15/2017	78-93-3
2-Hexanone	< 50	50	< 210	210		10	12/15/2017	591-78-6
2-Propanol (IPA)	< 50	50	< 120	120		10	12/15/2017	67-63-0
4-Ethyltoluene	< 10	10	< 49	49		10	12/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 210	210		10	12/15/2017	108-10-1
Acetone	< 50	50	< 120	120		10	12/15/2017	67-64-1
Allyl chloride	< 10	10	< 31	31		10	12/15/2017	107-05-1
Benzene	< 5.0	5.0	< 16	16		10	12/15/2017	71-43-2
Benzyl chloride	< 20	20	< 100	100		10	12/15/2017	100-44-7
Bromodichloromethane	< 5.0	5.0	< 34	34		10	12/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 22	22		10	12/15/2017	593-60-2
Bromoform	< 5.0	5.0	< 52	52		10	12/15/2017	75-25-2
Bromomethane	< 5.0	5.0	< 19	19		10	12/15/2017	74-83-9
Butyl benzene	< 10	10	< 55	55		10	12/15/2017	104-51-8
Carbon disulfide	< 20	20	< 62	62		10	12/15/2017	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31	31		10	12/15/2017	56-23-5
Chlorobenzene	< 5.0	5.0	< 23	23		10	12/15/2017	108-90-7
Chloroethane	< 5.0	5.0	< 13	13		10	12/15/2017	75-00-3
Chloroform	< 5.0	5.0	< 24	24		10	12/15/2017	67-66-3
Chloromethane	< 10	10	< 21	21		10	12/15/2017	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-01-5
Cyclohexane	< 5.0	5.0	< 17	17		10	12/15/2017	110-82-7
Dibromochloromethane	< 5.0	5.0	< 43	43		10	12/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		10	12/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35	35		10	12/15/2017	76-14-2
Ethanol	< 50	50	< 94	94		10	12/15/2017	64-17-5
Ethyl Acetate	< 5.0	5.0	< 18	18		10	12/15/2017	141-78-6
Ethylbenzene	< 5.0	5.0	< 22	22		10	12/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG0305 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	09	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 5.0	5.0	< 21	21		10	12/15/2017	142-82-5
Hexachlorobutadiene	< 10	10	< 110	110		10	12/15/2017	87-68-3
Hexane	< 10	10	< 35	35		10	12/15/2017	110-54-3
Isopropylbenzene	< 10	10	< 49	49		10	12/15/2017	98-82-8
m&p-Xylene	< 10	10	< 43	43		10	12/15/2017	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72	72		10	12/15/2017	1634-04-4
Methylcyclohexane	< 10	10	< 40	40		10	12/15/2017	108-87-2
Methylene chloride	< 20	20	< 69	69		10	12/15/2017	75-09-2
Naphthalene	< 50	50	< 260	260		10	12/15/2017	91-20-3
Nonane	< 10	10	< 52	52		10	12/15/2017	111-84-2
Octane	< 10	10	< 47	47		10	12/15/2017	111-65-9
o-Xylene	< 5.0	5.0	< 22	22		10	12/15/2017	95-47-6
Propene (Propylene)	< 10	10	< 17	17		10	12/15/2017	115-07-1
Propylbenzene	< 10	10	< 49	49		10	12/15/2017	103-65-1
Sec-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	135-98-8
Styrene	< 5.0	5.0	< 21	21		10	12/15/2017	100-42-5
Tert-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	98-06-6
Tetrachloroethene	**65**	**10**	**440**	**68**		10	12/15/2017	127-18-4
Tetrahydrofuran	< 20	20	< 59	59		10	12/15/2017	109-99-9
Toluene	< 5.0	5.0	< 19	19		10	12/15/2017	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-02-6
Trichloroethene	< 5.0	5.0	< 27	27		10	12/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28	28		10	12/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38	38		10	12/15/2017	76-13-1
Vinyl acetate	< 5.0	5.0	< 18	18		10	12/15/2017	108-05-4
Vinyl chloride	< 5.0	5.0	< 13	13		10	12/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	99.1	70-130	%REC					

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Client:	Geosyntec	**Client Sample ID:**	SG0315 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	10	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34	34		10	12/15/2017	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27	27		10	12/15/2017	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 150	150		10	12/15/2017	120-82-1
1,2,4-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38	38		10	12/15/2017	106-93-4
1,2-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20	20		10	12/15/2017	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23	23		10	12/15/2017	78-87-5
1,3,5-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/15/2017	108-67-8
1,3-Butadiene	< 5.0	5.0	< 11	11		10	12/15/2017	106-99-0
1,3-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	541-73-1
1,4-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/15/2017	106-46-7
1,4-Dioxane	< 20	20	< 72	72		10	12/15/2017	123-91-1
2,2,4-Trimethylpentane	< 5.0	5.0	< 23	23		10	12/15/2017	540-84-1
2-Butanone (MEK)	< 50	50	< 150	150		10	12/15/2017	78-93-3
2-Hexanone	< 50	50	< 210	210		10	12/15/2017	591-78-6
2-Propanol (IPA)	< 50	50	< 120	120		10	12/15/2017	67-63-0
4-Ethyltoluene	< 10	10	< 49	49		10	12/15/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 210	210		10	12/15/2017	108-10-1
Acetone	< 50	50	< 120	120		10	12/15/2017	67-64-1
Allyl chloride	< 10	10	< 31	31		10	12/15/2017	107-05-1
Benzene	< 5.0	5.0	< 16	16		10	12/15/2017	71-43-2
Benzyl chloride	< 20	20	< 100	100		10	12/15/2017	100-44-7
Bromodichloromethane	< 5.0	5.0	< 34	34		10	12/15/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 22	22		10	12/15/2017	593-60-2
Bromoform	< 5.0	5.0	< 52	52		10	12/15/2017	75-25-2
Bromomethane	< 5.0	5.0	< 19	19		10	12/15/2017	74-83-9
Butyl benzene	< 10	10	< 55	55		10	12/15/2017	104-51-8
Carbon disulfide	< 20	20	< 62	62		10	12/15/2017	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31	31		10	12/15/2017	56-23-5
Chlorobenzene	< 5.0	5.0	< 23	23		10	12/15/2017	108-90-7
Chloroethane	< 5.0	5.0	< 13	13		10	12/15/2017	75-00-3
Chloroform	< 5.0	5.0	< 24	24		10	12/15/2017	67-66-3
Chloromethane	< 10	10	< 21	21		10	12/15/2017	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-01-5
Cyclohexane	< 5.0	5.0	< 17	17		10	12/15/2017	110-82-7
Dibromochloromethane	< 5.0	5.0	< 43	43		10	12/15/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		10	12/15/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35	35		10	12/15/2017	76-14-2
Ethanol	< 50	50	< 94	94		10	12/15/2017	64-17-5
Ethyl Acetate	< 5.0	5.0	< 18	18		10	12/15/2017	141-78-6
Ethylbenzene	< 5.0	5.0	< 22	22		10	12/15/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG0315 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 5.0	5.0	< 21	21		10	12/15/2017	142-82-5
Hexachlorobutadiene	< 10	10	< 110	110		10	12/15/2017	87-68-3
Hexane	< 10	10	< 35	35		10	12/15/2017	110-54-3
Isopropylbenzene	< 10	10	< 49	49		10	12/15/2017	98-82-8
m&p-Xylene	< 10	10	< 43	43		10	12/15/2017	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72	72		10	12/15/2017	1634-04-4
Methylcyclohexane	< 10	10	< 40	40		10	12/15/2017	108-87-2
Methylene chloride	< 20	20	< 69	69		10	12/15/2017	75-09-2
Naphthalene	< 50	50	< 260	260		10	12/15/2017	91-20-3
Nonane	< 10	10	< 52	52		10	12/15/2017	111-84-2
Octane	< 10	10	< 47	47		10	12/15/2017	111-65-9
o-Xylene	< 5.0	5.0	< 22	22		10	12/15/2017	95-47-6
Propene (Propylene)	< 10	10	< 17	17		10	12/15/2017	115-07-1
Propylbenzene	< 10	10	< 49	49		10	12/15/2017	103-65-1
Sec-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	135-98-8
Styrene	< 5.0	5.0	< 21	21		10	12/15/2017	100-42-5
Tert-Butyl benzene	< 10	10	< 55	55		10	12/15/2017	98-06-6
Tetrachloroethene	**54**	**10**	**370**	**68**		10	12/15/2017	127-18-4
Tetrahydrofuran	< 20	20	< 59	59		10	12/15/2017	109-99-9
Toluene	< 5.0	5.0	< 19	19		10	12/15/2017	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/15/2017	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 23	23		10	12/15/2017	10061-02-6
Trichloroethene	< 5.0	5.0	< 27	27		10	12/15/2017	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28	28		10	12/15/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38	38		10	12/15/2017	76-13-1
Vinyl acetate	< 5.0	5.0	< 18	18		10	12/15/2017	108-05-4
Vinyl chloride	< 5.0	5.0	< 13	13		10	12/15/2017	75-01-4
Surr: 4-Bromofluorobenzene	95.3	70-130	%REC					

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Client:	Geosyntec	**Client Sample ID:**	SG0205 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	11	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/17/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 10	10	L5	2	12/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/17/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 10	10		2	12/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/17/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-41-4

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Client:	Geosyntec	**Client Sample ID:**	SG0205 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/17/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/17/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	98-06-6
Tetrachloroethene	**30**	**2.0**	**200**	**14**		2	12/17/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/17/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	100	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SG0215 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	12	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/17/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8	L5	2	12/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/17/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/17/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0215 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	12	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/17/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	98-82-8
m&p-Xylene	**5.6**	**2.0**	**24**	**8.7**		2	12/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/17/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/17/2017	111-65-9
o-Xylene	**2.4**	**1.0**	**10**	**4.3**		2	12/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	98-06-6
Tetrachloroethene	**32**	**2.0**	**220**	**14**		2	12/17/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/17/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0705 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	13	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/17/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8	L5	2	12/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/17/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-00-3
Chloroform	**1.0**	**1.0**	**5.1**	**4.9**		2	12/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/17/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0705 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	13	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/17/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/17/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	98-06-6
Tetrachloroethene	**17**	**2.0**	**110**	**14**		2	12/17/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/17/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	95.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0715 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	14	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/17/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8	L5	2	12/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/17/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-00-3
Chloroform	**4.5**	**1.0**	**22**	**4.9**		2	12/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/17/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SG0715 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	14	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/17/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/17/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	98-06-6
Tetrachloroethene	**23**	**2.0**	**160**	**14**		2	12/17/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/17/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	87.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE01 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	15	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 5.0	5.0	< 27	27		10	12/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34	34		10	12/17/2017	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27	27		10	12/17/2017	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20	20		10	12/17/2017	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 20	20		10	12/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 150	150	L5	10	12/17/2017	120-82-1
1,2,4-Trimethylbenzene	**6.5**	**5.0**	**32**	**25**	L5	10	12/17/2017	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38	38		10	12/17/2017	106-93-4
1,2-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/17/2017	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20	20		10	12/17/2017	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23	23		10	12/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 5.0	5.0	< 25	25		10	12/17/2017	108-67-8
1,3-Butadiene	< 5.0	5.0	< 11	11		10	12/17/2017	106-99-0
1,3-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/17/2017	541-73-1
1,4-Dichlorobenzene	< 5.0	5.0	< 30	30		10	12/17/2017	106-46-7
1,4-Dioxane	< 20	20	< 72	72		10	12/17/2017	123-91-1
2,2,4-Trimethylpentane	< 5.0	5.0	< 23	23		10	12/17/2017	540-84-1
2-Butanone (MEK)	< 50	50	< 150	150	L5	10	12/17/2017	78-93-3
2-Hexanone	< 50	50	< 210	210		10	12/17/2017	591-78-6
2-Propanol (IPA)	< 50	50	< 120	120	L5, R6	10	12/17/2017	67-63-0
4-Ethyltoluene	< 10	10	< 49	49	L5	10	12/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 210	210		10	12/17/2017	108-10-1
Acetone	< 50	50	< 120	120	L5	10	12/17/2017	67-64-1
Allyl chloride	< 10	10	< 31	31		10	12/17/2017	107-05-1
Benzene	**11**	**5.0**	**33**	**16**		10	12/17/2017	71-43-2
Benzyl chloride	< 20	20	< 100	100	L5	10	12/17/2017	100-44-7
Bromodichloromethane	< 5.0	5.0	< 34	34		10	12/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 22	22		10	12/17/2017	593-60-2
Bromoform	< 5.0	5.0	< 52	52		10	12/17/2017	75-25-2
Bromomethane	< 5.0	5.0	< 19	19		10	12/17/2017	74-83-9
Butyl benzene	< 10	10	< 55	55	L5	10	12/17/2017	104-51-8
Carbon disulfide	< 20	20	< 62	62		10	12/17/2017	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31	31		10	12/17/2017	56-23-5
Chlorobenzene	< 5.0	5.0	< 23	23		10	12/17/2017	108-90-7
Chloroethane	< 5.0	5.0	< 13	13		10	12/17/2017	75-00-3
Chloroform	< 5.0	5.0	< 24	24		10	12/17/2017	67-66-3
Chloromethane	< 10	10	< 21	21		10	12/17/2017	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/17/2017	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 23	23	L5	10	12/17/2017	10061-01-5
Cyclohexane	< 5.0	5.0	< 17	17		10	12/17/2017	110-82-7
Dibromochloromethane	< 5.0	5.0	< 43	43		10	12/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		10	12/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35	35		10	12/17/2017	76-14-2
Ethanol	< 50	50	< 94	94		10	12/17/2017	64-17-5
Ethyl Acetate	< 5.0	5.0	< 18	18		10	12/17/2017	141-78-6
Ethylbenzene	< 5.0	5.0	< 22	22		10	12/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE01 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	15	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 5.0	5.0	< 21	21		10	12/17/2017	142-82-5
Hexachlorobutadiene	< 10	10	< 110	110	L5	10	12/17/2017	87-68-3
Hexane	< 10	10	< 35	35		10	12/17/2017	110-54-3
Isopropylbenzene	< 10	10	< 49	49		10	12/17/2017	98-82-8
m&p-Xylene	< 10	10	< 43	43		10	12/17/2017	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72	72	R6	10	12/17/2017	1634-04-4
Methylcyclohexane	< 10	10	< 40	40		10	12/17/2017	108-87-2
Methylene chloride	< 20	20	< 69	69		10	12/17/2017	75-09-2
Naphthalene	< 50	50	< 260	260		10	12/17/2017	91-20-3
Nonane	< 10	10	< 52	52		10	12/17/2017	111-84-2
Octane	< 10	10	< 47	47		10	12/17/2017	111-65-9
o-Xylene	< 5.0	5.0	< 22	22		10	12/17/2017	95-47-6
Propene (Propylene)	< 10	10	< 17	17	R6	10	12/17/2017	115-07-1
Propylbenzene	< 10	10	< 49	49		10	12/17/2017	103-65-1
Sec-Butyl benzene	< 10	10	< 55	55		10	12/17/2017	135-98-8
Styrene	< 5.0	5.0	< 21	21		10	12/17/2017	100-42-5
Tert-Butyl benzene	< 10	10	< 55	55		10	12/17/2017	98-06-6
Tetrachloroethene	**62**	**10**	**420**	**68**		10	12/17/2017	127-18-4
Tetrahydrofuran	< 20	20	< 59	59		10	12/17/2017	109-99-9
Toluene	< 5.0	5.0	< 19	19		10	12/17/2017	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 20	20		10	12/17/2017	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 23	23	L5	10	12/17/2017	10061-02-6
Trichloroethene	< 5.0	5.0	< 27	27		10	12/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28	28		10	12/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38	38		10	12/17/2017	76-13-1
Vinyl acetate	< 5.0	5.0	< 18	18	L5	10	12/17/2017	108-05-4
Vinyl chloride	< 5.0	5.0	< 13	13		10	12/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	104	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE02 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	16	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/17/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/17/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30	L5	2	12/17/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9	L5	2	12/17/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/17/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/17/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/17/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/17/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30	L5	2	12/17/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/17/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25	L5, R6	2	12/17/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8	L5	2	12/17/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/17/2017	108-10-1
Acetone	< 10	10	< 24	24	L5	2	12/17/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/17/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/17/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21	L5	2	12/17/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/17/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/17/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/17/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/17/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11	L5	2	12/17/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/17/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/17/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/17/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	12/17/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/17/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/17/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/17/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/17/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/17/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/17/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/17/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SVE02 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	16	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/17/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21	L5	2	12/17/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/17/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/17/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14	R6	2	12/17/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/17/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/17/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/17/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/17/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/17/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4	R6	2	12/17/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 10	10		2	12/17/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/17/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/17/2017	98-06-6
Tetrachloroethene	**17**	**2.0**	**120**	**14**		2	12/17/2017	127-18-4
Tetrahydrofuran	< 4.0	4.0	< 12	12		2	12/17/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/17/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/17/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5	L5	2	12/17/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/17/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/17/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/17/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5	L5	2	12/17/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/17/2017	75-01-4
Surr: 4-Bromofluorobenzene	97.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SVE03 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	17	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/19/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	12/19/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/19/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/19/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/19/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	12/19/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/19/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	12/19/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/19/2017	108-10-1
Acetone	**12**	**10**	**29**	**24**		2	12/19/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/19/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/19/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	12/19/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/19/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/19/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/19/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/19/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/19/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/19/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-00-3
Chloroform	**1.0**	**1.0**	**5.0**	**4.9**		2	12/19/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/19/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/19/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/19/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/19/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/19/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/19/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/19/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE03 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	17	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	12/19/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/19/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 10	10		2	12/19/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/19/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	12/19/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/19/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/19/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/19/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/19/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/19/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	12/19/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 10	10		2	12/19/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	98-06-6
Tetrachloroethene	**29**	**2.0**	**190**	**14**		2	12/19/2017	127-18-4
Tetrahydrofuran	**4.2**	**4.0**	**13**	**12**		2	12/19/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/19/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/19/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/19/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	12/19/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-01-4
Surr: 4-Bromofluorobenzene	89.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SVE04 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	18	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/19/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	12/19/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/19/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/19/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/19/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	12/19/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/19/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	12/19/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/19/2017	108-10-1
Acetone	< 10	10	< 24	24		2	12/19/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/19/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/19/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	12/19/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/19/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/19/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/19/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/19/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/19/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/19/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-00-3
Chloroform	**7.0**	**1.0**	**34**	**4.9**		2	12/19/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/19/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/19/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/19/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/19/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/19/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/19/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/19/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE04 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	18	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	12/19/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/19/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/19/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	12/19/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/19/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/19/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/19/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/19/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/19/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	12/19/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	98-06-6
Tetrachloroethene	**204**	**10**	**1,390**	**68**		10	12/19/2017	127-18-4
Tetrahydrofuran	**6.9**	**4.0**	**20**	**12**		2	12/19/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/19/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-02-6
Trichloroethene	**1.0**	**1.0**	**5.6**	**5.4**		2	12/19/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/19/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	12/19/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-01-4
Surr: 4-Bromofluorobenzene	85.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SVE05 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	19	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/19/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	12/19/2017	120-82-1
1,2,4-Trimethylbenzene	**1.3**	**1.0**	**6.4**	**4.9**		2	12/19/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/19/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/19/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/19/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	12/19/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/19/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	12/19/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/19/2017	108-10-1
Acetone	**11**	**10**	**27**	**24**		2	12/19/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/19/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/19/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	12/19/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/19/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/19/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/19/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/19/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/19/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/19/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-00-3
Chloroform	**1.4**	**1.0**	**6.8**	**4.9**		2	12/19/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/19/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/19/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/19/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/19/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/19/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/19/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/19/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE05 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	19	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	12/19/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/19/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	98-82-8
m&p-Xylene	**4.9**	**2.0**	**21**	**8.7**		2	12/19/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	12/19/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/19/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/19/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/19/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/19/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/19/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	12/19/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	98-06-6
Tetrachloroethene	**163**	**10**	**1,110**	**68**		10	12/19/2017	127-18-4
Tetrahydrofuran	**4.7**	**4.0**	**14**	**12**		2	12/19/2017	109-99-9
Toluene	**3.1**	**1.0**	**12**	**3.8**		2	12/19/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-02-6
Trichloroethene	**1.2**	**1.0**	**6.3**	**5.4**		2	12/19/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/19/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	12/19/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-01-4
Surr: 4-Bromofluorobenzene	84.3	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE06 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	20	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.9	6.9		2	12/19/2017	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.5	5.5		2	12/19/2017	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 30	30		2	12/19/2017	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	108-67-8
1,3-Butadiene	< 1.0	1.0	< 2.2	2.2		2	12/19/2017	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.0	6.0		2	12/19/2017	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14	14		2	12/19/2017	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.7	4.7		2	12/19/2017	540-84-1
2-Butanone (MEK)	< 10	10	< 30	30		2	12/19/2017	78-93-3
2-Hexanone	< 10	10	< 41	41		2	12/19/2017	591-78-6
2-Propanol (IPA)	< 10	10	< 25	25		2	12/19/2017	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41	41		2	12/19/2017	108-10-1
Acetone	< 10	10	< 24	24		2	12/19/2017	67-64-1
Allyl chloride	< 2.0	2.0	< 6.3	6.3		2	12/19/2017	107-05-1
Benzene	< 1.0	1.0	< 3.2	3.2		2	12/19/2017	71-43-2
Benzyl chloride	< 4.0	4.0	< 21	21		2	12/19/2017	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.7	6.7		2	12/19/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.4	4.4		2	12/19/2017	593-60-2
Bromoform	< 1.0	1.0	< 10	10		2	12/19/2017	75-25-2
Bromomethane	< 1.0	1.0	< 3.9	3.9		2	12/19/2017	74-83-9
Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	104-51-8
Carbon disulfide	< 4.0	4.0	< 12	12		2	12/19/2017	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.3	6.3		2	12/19/2017	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.6	4.6		2	12/19/2017	108-90-7
Chloroethane	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-00-3
Chloroform	< 1.0	1.0	< 4.9	4.9		2	12/19/2017	67-66-3
Chloromethane	< 2.0	2.0	< 4.1	4.1		2	12/19/2017	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.4	3.4		2	12/19/2017	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.5	8.5		2	12/19/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.9	9.9		2	12/19/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 7.0	7.0		2	12/19/2017	76-14-2
Ethanol	< 10	10	< 19	19		2	12/19/2017	64-17-5
Ethyl Acetate	< 1.0	1.0	< 3.6	3.6		2	12/19/2017	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SVE06 12072017
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	12/7/2017
Lab ID:	20	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 1.0	1.0	< 4.1	4.1		2	12/19/2017	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21	21		2	12/19/2017	87-68-3
Hexane	< 2.0	2.0	< 7.0	7.0		2	12/19/2017	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.7	8.7		2	12/19/2017	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14	14		2	12/19/2017	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.0	8.0		2	12/19/2017	108-87-2
Methylene chloride	< 4.0	4.0	< 14	14		2	12/19/2017	75-09-2
Naphthalene	< 10	10	< 52	52		2	12/19/2017	91-20-3
Nonane	< 2.0	2.0	< 10	10		2	12/19/2017	111-84-2
Octane	< 2.0	2.0	< 9.3	9.3		2	12/19/2017	111-65-9
o-Xylene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.4	3.4		2	12/19/2017	115-07-1
Propylbenzene	< 2.0	2.0	< 9.8	9.8		2	12/19/2017	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	135-98-8
Styrene	< 1.0	1.0	< 4.3	4.3		2	12/19/2017	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11	11		2	12/19/2017	98-06-6
Tetrachloroethene	**38**	**2.0**	**260**	**14**		2	12/19/2017	127-18-4
Tetrahydrofuran	**6.9**	**4.0**	**20**	**12**		2	12/19/2017	109-99-9
Toluene	< 1.0	1.0	< 3.8	3.8		2	12/19/2017	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 4.0	4.0		2	12/19/2017	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.5	4.5		2	12/19/2017	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.4	5.4		2	12/19/2017	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.6	5.6		2	12/19/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.7	7.7		2	12/19/2017	76-13-1
Vinyl acetate	< 1.0	1.0	< 3.5	3.5		2	12/19/2017	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.6	2.6		2	12/19/2017	75-01-4
Surr: 4-Bromofluorobenzene	81.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011214 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/14/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	12/14/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/14/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/14/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	12/14/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	12/14/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/14/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	12/14/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/14/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/14/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	12/14/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/14/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	12/14/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/14/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/14/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	12/14/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	12/14/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	12/14/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	12/14/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	12/14/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	12/14/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	12/14/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	12/14/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	12/14/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	12/14/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	12/14/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	12/14/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	12/14/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	12/14/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	12/14/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/14/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	12/14/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	12/14/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	12/14/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	12/14/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	12/14/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	12/14/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/14/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/14/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	12/14/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	12/14/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	12/14/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	12/14/2017	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	12/14/2017	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	12/14/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	12/14/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011214 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst:	JJ
Heptane	< 0.5	0.5	< 2.05	2.05		1	12/14/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	12/14/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	12/14/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/14/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	12/14/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	12/14/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	12/14/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	12/14/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	12/14/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	12/14/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	12/14/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	12/14/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	12/14/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/14/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/14/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	12/14/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/14/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	12/14/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	12/14/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	12/14/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/14/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/14/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	12/14/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	12/14/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	12/14/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	12/14/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	12/14/2017	75-01-4
Surr: 4-Bromofluorobenzene	96.1	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/14/2017 Batch: MS011214 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.6	86.4	8.0	79.9	10.0	7.8	ppbv			
Dichlorodifluoromethane(F-12)	9.8	97.7	9.6	96.0	10.0	1.8	ppbv			
Chloromethane	9.0	90.0	8.7	87.0	10.0	3.4	ppbv			
Dichlorotetrafluoroethane(F-114)	10.4	104	9.7	97.2	10.0	6.5	ppbv			
Vinyl Chloride	10.2	102	10.5	105	10.0	3.2	ppbv			
1,3-Butadiene	9.3	93.3	9.4	94.1	10.0	0.9	ppbv			
Bromomethane	9.0	89.8	8.4	83.5	10.0	7.3	ppbv			
Chloroethane	8.4	84.1	8.2	82.1	10.0	2.4	ppbv			
Ethanol	9.4	94.4	7.7	77.4	10.0	19.8	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.3	9.0	89.8	10.0	4.9	ppbv			
Trichlorofluoromethane (F-11)	9.2	91.6	8.9	88.5	10.0	3.4	ppbv			
Acetone	9.0	90.3	9.2	92.2	10.0	2.1	ppbv			
Isopropyl Alcohol (2-Propanol)	10.8	108	10.1	101	10.0	6.2	ppbv			
1,1-Dichloroethene	9.2	92.0	9.0	89.8	10.0	2.4	ppbv			
Trichlorotrifluoroethane (F-113)	9.0	90.2	8.7	87.1	10.0	3.5	ppbv			
Methylene Chloride	8.6	85.5	8.3	83.4	10.0	2.5	ppbv			
Allyl Chloride	9.1	91.3	8.7	86.9	10.0	4.9	ppbv			
Carbon disulfide	9.4	94.4	8.9	88.9	10.0	6.0	ppbv			
trans-1,2-Dichloroethene	9.5	94.6	9.1	91.1	10.0	3.8	ppbv			
Methyl tert-butyl ether	8.9	89.0	9.0	90.2	10.0	1.3	ppbv			
1,1-Dichloroethane	9.6	96.0	9.3	92.9	10.0	3.3	ppbv			
Vinyl acetate	10.5	105	9.6	96.3	10.0	8.4	ppbv			
2-Butanone (MEK)	10.2	102	9.9	99.3	10.0	2.6	ppbv			
Hexane	10.3	103	9.7	97.3	10.0	5.4	ppbv			
cis-1,2-Dichloroethene	9.5	95.1	9.0	90.2	10.0	5.3	ppbv			
Ethyl Acetate	10.8	108	9.8	97.7	10.0	9.9	ppbv			
Chloroform	9.7	96.8	9.3	92.5	10.0	4.5	ppbv			
Tetrahydrofuran	11.8	118	10.3	103	10.0	13.8	ppbv			
1,1,1-Trichloroethane	9.5	95.3	9.3	92.5	10.0	3.0	ppbv			
1,2-Dichloroethane	10.2	102	9.6	95.8	10.0	6.4	ppbv			
Benzene	10.0	100	9.3	93.0	10.0	7.0	ppbv			
Carbon tetrachloride	9.5	94.8	8.9	89.2	10.0	6.1	ppbv			
Cyclohexane	9.8	98.4	9.2	92.3	10.0	6.4	ppbv			
2,2,4-Trimethylpentane	9.7	97.2	9.0	89.9	10.0	7.8	ppbv			
Heptane	9.6	96.4	9.3	93.1	10.0	3.5	ppbv			
1,2-Dichloropropane	9.4	93.8	8.5	85.2	10.0	9.6	ppbv			
Trichloroethene	8.9	88.9	8.2	82.4	10.0	7.6	ppbv			
Bromodichloromethane	10.5	105	9.5	95.4	10.0	9.2	ppbv			
1,4-Dioxane	9.7	97.2	7.7	76.9	10.0	23.3	ppbv			
Methylcyclohexane	9.7	96.8	8.9	88.9	10.0	8.5	ppbv			
cis-1,3-Dichloropropene	11.0	110	9.8	98.2	10.0	11.6	ppbv			
4-methyl-2-pentanone	9.9	98.9	9.0	89.7	10.0	9.8	ppbv			
trans-1,3-Dichloropropene	11.3	113	10.4	104	10.0	8.0	ppbv			
Toluene	10.3	103	9.0	89.7	10.0	13.4	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/14/2017 Batch: MS011214 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.6	95.9	8.5	84.6	10.0	12.5	ppbv			
2-Hexanone	10.5	105	9.2	91.9	10.0	13.3	ppbv			
n-Octane	9.6	96.1	8.6	85.5	10.0	11.7	ppbv			
Dibromochloromethane	10.1	101	9.1	90.5	10.0	10.7	ppbv			
1,2-Dibromoethane	9.7	97.4	9.0	89.8	10.0	8.1	ppbv			
Tetrachloroethene	8.4	84.0	7.5	75.3	10.0	10.9	ppbv			
Chlorobenzene	9.1	90.9	8.5	84.7	10.0	7.1	ppbv			
Ethylbenzene	9.2	91.9	8.7	87.3	10.0	5.1	ppbv			
m&p-Xylene	18.7	93.4	17.7	88.4	20.0	5.5	ppbv			
Bromoform	9.8	97.8	8.8	88.4	10.0	10.1	ppbv			
Styrene	9.1	90.9	8.6	86.0	10.0	5.5	ppbv			
Nonane	9.8	97.5	9.3	92.8	10.0	4.9	ppbv			
o-Xylene	9.1	90.9	8.6	86.2	10.0	5.3	ppbv			
1,1,2,2-Tetrachloroethane	9.7	96.9	9.1	91.2	10.0	6.1	ppbv			
Isopropylbenzene	9.6	95.6	9.0	90.3	10.0	5.7	ppbv			
n-Propylbenzene	10.1	101	9.5	94.5	10.0	6.6	ppbv			
4-Ethyltoluene	10.6	106	9.9	98.7	10.0	6.7	ppbv			
1,3,5-Trimethylbenzene	10.0	100	9.3	93.2	10.0	7.2	ppbv			
Tert-Butyl Benzene	9.4	93.5	8.6	85.8	10.0	8.6	ppbv			
1,2,4-Trimethylbenzene	10.2	102	9.5	94.7	10.0	6.9	ppbv			
Sec-Butyl Benzene	9.8	97.5	9.1	91.4	10.0	6.5	ppbv			
1,3-Dichlorobenzene	9.0	89.9	8.2	81.7	10.0	9.6	ppbv			
Benzyl chloride	10.5	105	9.5	94.8	10.0	9.8	ppbv			
1,4-Dichlorobenzene	9.5	94.9	8.5	84.9	10.0	11.1	ppbv			
1,2-Dichlorobenzene	9.5	95.1	8.5	85.1	10.0	11.1	ppbv			
n-Butyl Benzene	10.8	108	9.8	98.3	10.0	9.7	ppbv			
1,2,4-Trichlorobenzene	9.0	90.2	7.7	77.0	10.0	15.8	ppbv			
Naphthalene	9.4	94.0	8.0	80.2	10.0	15.8	ppbv			
Hexachlorobutadiene	8.6	85.9	7.2	72.1	10.0	17.5	ppbv			
Surr: 4-Bromofluorobenzene	10.3	103	10.4	104			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011216 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/16/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	12/16/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/16/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/16/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	12/16/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	12/16/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/16/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	12/16/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/16/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/16/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	12/16/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/16/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	12/16/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/16/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/16/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	12/16/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	12/16/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	12/16/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	12/16/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	12/16/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	12/16/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	12/16/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	12/16/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	12/16/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	12/16/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	12/16/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	12/16/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	12/16/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	12/16/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	12/16/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/16/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	12/16/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	12/16/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	12/16/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	12/16/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	12/16/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	12/16/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/16/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/16/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	12/16/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	12/16/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	12/16/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	12/16/2017	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	12/16/2017	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	12/16/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	12/16/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011216 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst:	JJ
Heptane	< 0.5	0.5	< 2.05	2.05		1	12/16/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	12/16/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	12/16/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/16/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	12/16/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	12/16/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	12/16/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	12/16/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	12/16/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	12/16/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	12/16/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	12/16/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	12/16/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/16/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/16/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	12/16/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/16/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	12/16/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	12/16/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	12/16/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/16/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/16/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	12/16/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	12/16/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	12/16/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	12/16/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	12/16/2017	75-01-4
Surr: 4-Bromofluorobenzene	100	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/16/2017 Batch: MS011216 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	7.5	74.8	9.7	97.4	10.0	26.2	ppbv			R6
Dichlorodifluoromethane(F-12)	9.8	97.8	12.0	120	10.0	20.2	ppbv			
Chloromethane	8.6	86.0	11.0	110	10.0	24.8	ppbv			
Dichlorotetrafluoroethane(F-114)	8.0	79.7	9.3	93.1	10.0	15.5	ppbv			
Vinyl Chloride	7.7	76.6	9.8	98.0	10.0	24.5	ppbv			
1,3-Butadiene	7.7	77.4	9.8	98.0	10.0	23.5	ppbv			
Bromomethane	9.1	91.1	10.9	109	10.0	17.6	ppbv			
Chloroethane	7.8	77.7	9.6	96	10.0	21.2	ppbv			
Ethanol	11.7	117	12.1	121	10.0	3.5	ppbv			
Bromoethene(Vinyl Bromide)	11.7	117	10.9	109	10.0	6.7	ppbv			
Trichlorofluoromethane (F-11)	9.5	95.2	10.3	103	10.0	8.3	ppbv			
Acetone	12.9	129	13.5	135	10.0	4.3	ppbv		L5	
Isopropyl Alcohol (2-Propanol)	9.8	97.6	13.1	131	10.0	29.2	ppbv		L5	R6
1,1-Dichloroethene	9.7	97	11.4	114	10.0	16.8	ppbv			
Trichlorotrifluoroethane (F-113)	10.6	106	10.6	106	10.0	0.2	ppbv			
Methylene Chloride	9.7	97.1	10.5	105	10.0	7.4	ppbv			
Allyl Chloride	10.5	105	11.8	118	10.0	11.3	ppbv			
Carbon disulfide	12.1	121	12.1	121	10.0	0.2	ppbv			
trans-1,2-Dichloroethene	10.9	109	11.5	115	10.0	4.7	ppbv			
Methyl tert-butyl ether	9.7	97.2	12.6	126	10.0	26.0	ppbv			R6
1,1-Dichloroethane	11.3	113	12.1	121	10.0	7.1	ppbv			
Vinyl acetate	10.5	105	13.4	134	10.0	24.3	ppbv		L5	
2-Butanone (MEK)	13.2	132	13.6	136	10.0	3.2	ppbv	L5	L5	
Hexane	11.4	114	12.6	126	10.0	9.8	ppbv			
cis-1,2-Dichloroethene	10.9	109	11.2	112	10.0	2.9	ppbv			
Ethyl Acetate	10.2	102	12.4	124	10.0	19.0	ppbv			
Chloroform	10.5	105	11.6	116	10.0	9.9	ppbv			
Tetrahydrofuran	10.1	101	12.7	127	10.0	22.5	ppbv			
1,1,1-Trichloroethane	9.6	96.3	11.0	110	10.0	13.1	ppbv			
1,2-Dichloroethane	10.4	104	12.2	122	10.0	15.7	ppbv			
Benzene	11.4	114	11.6	116	10.0	1.8	ppbv			
Carbon tetrachloride	9.8	97.9	10.0	100	10.0	2.4	ppbv			
Cyclohexane	10.2	102	11.3	113	10.0	9.7	ppbv			
2,2,4-Trimethylpentane	11.1	111	12.2	122	10.0	9.2	ppbv			
Heptane	11.2	112	11.9	119	10.0	5.5	ppbv			
1,2-Dichloropropane	11.3	113	12.0	120	10.0	6.0	ppbv			
Trichloroethene	10.3	103	9.9	98.5	10.0	4.7	ppbv			
Bromodichloromethane	12.1	121	12.7	127	10.0	4.6	ppbv			
1,4-Dioxane	8.1	81.0	8.1	80.9	10.0	0.1	ppbv			
Methylcyclohexane	11.3	113	11.5	115	10.0	1.4	ppbv			
cis-1,3-Dichloropropene	12.9	129	13.5	135	10.0	4.3	ppbv		L5	
4-methyl-2-pentanone	10.6	106	11.8	118	10.0	11.1	ppbv			
trans-1,3-Dichloropropene	11.4	114	13.6	136	10.0	17.7	ppbv		L5	
Toluene	11.0	110	11.5	115	10.0	4.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/16/2017 Batch: MS011216 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.8	97.5	10.7	107	10.0	8.8	ppbv			
2-Hexanone	10.9	109	10.8	108	10.0	1.8	ppbv			
n-Octane	9.4	94.0	10.6	106	10.0	11.9	ppbv			
Dibromochloromethane	10.1	101.2	10.7	107	10.0	5.2	ppbv			
1,2-Dibromoethane	9.8	98.4	10.8	108	10.0	9.0	ppbv			
Tetrachloroethene	8.2	82.2	8.2	81.9	10.0	0.4	ppbv			
Chlorobenzene	11.0	110	10.8	108	10.0	1.9	ppbv			
Ethylbenzene	10.8	108	10.9	109	10.0	1.7	ppbv			
m&p-Xylene	22.7	114	22.8	114	20.0	0.4	ppbv			
Bromoform	11.9	119	10.4	104	10.0	14.1	ppbv			
Styrene	11.6	116	11.2	112	10.0	2.8	ppbv			
Nonane	12.4	124	12.0	120	10.0	3.4	ppbv			
o-Xylene	11.6	116	11.1	111	10.0	4.1	ppbv			
1,1,2,2-Tetrachloroethane	12.5	125	12.3	123	10.0	1.2	ppbv			
Isopropylbenzene	11.8	118	11.7	117	10.0	0.2	ppbv			
n-Propylbenzene	12.8	128	12.7	127	10.0	0.9	ppbv			
4-Ethyltoluene	13.3	133	13.0	130	10.0	2.4	ppbv	L5		
1,3,5-Trimethylbenzene	12.8	128	12.3	123	10.0	4.1	ppbv			
Tert-Butyl Benzene	11.8	118	11.1	111	10.0	6.5	ppbv			
1,2,4-Trimethylbenzene	13.3	133	12.5	125	10.0	6.0	ppbv	L5		
Sec-Butyl Benzene	12.6	126	12.1	121	10.0	3.6	ppbv			
1,3-Dichlorobenzene	11.2	112	10.0	99.5	10.0	11.8	ppbv			
Benzyl chloride	13.7	137	13.0	130	10.0	5.7	ppbv	L5		
1,4-Dichlorobenzene	11.5	115	10.2	102	10.0	11.9	ppbv			
1,2-Dichlorobenzene	11.4	114	10.1	101	10.0	11.4	ppbv			
n-Butyl Benzene	14.7	147	13.7	137	10.0	7.1	ppbv	L5	L5	
1,2,4-Trichlorobenzene	10.1	101	7.5	74.7	10.0	29.5	ppbv			R6
Naphthalene	10.7	107	8.4	83.7	10.0	24.7	ppbv			
Hexachlorobutadiene	9.8	98.4	7.0	70.0	10.0	33.7	ppbv			R6
Surr: 4-Bromofluorobenzene	11.5	115	11.4	114			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011219 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/19/2017	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	12/19/2017	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	12/19/2017	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/19/2017	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	12/19/2017	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	12/19/2017	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/19/2017	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	12/19/2017	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/19/2017	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	12/19/2017	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	12/19/2017	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	12/19/2017	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	12/19/2017	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/19/2017	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	12/19/2017	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	12/19/2017	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	12/19/2017	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	12/19/2017	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	12/19/2017	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	12/19/2017	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	12/19/2017	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	12/19/2017	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	12/19/2017	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	12/19/2017	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	12/19/2017	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	12/19/2017	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	12/19/2017	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	12/19/2017	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	12/19/2017	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	12/19/2017	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/19/2017	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	12/19/2017	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	12/19/2017	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	12/19/2017	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	12/19/2017	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	12/19/2017	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	12/19/2017	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/19/2017	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/19/2017	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	12/19/2017	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	12/19/2017	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	12/19/2017	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	12/19/2017	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	12/19/2017	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	12/19/2017	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	12/19/2017	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS011219 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst:	JJ
Heptane	< 0.5	0.5	< 2.05	2.05		1	12/19/2017	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	12/19/2017	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	12/19/2017	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/19/2017	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	12/19/2017	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	12/19/2017	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	12/19/2017	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	12/19/2017	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	12/19/2017	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	12/19/2017	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	12/19/2017	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	12/19/2017	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	12/19/2017	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	12/19/2017	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/19/2017	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	12/19/2017	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	12/19/2017	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	12/19/2017	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	12/19/2017	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	12/19/2017	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	12/19/2017	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	12/19/2017	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	12/19/2017	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	12/19/2017	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	12/19/2017	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	12/19/2017	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	12/19/2017	75-01-4
Surr: 4-Bromofluorobenzene	73.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/19/2017 Batch: MS011219 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.6	106	11.1	111	10.0	4.5	ppbv			
Dichlorodifluoromethane(F-12)	10.7	107	10.8	108	10.0	0.7	ppbv			
Chloromethane	9.8	97.9	10.1	101	10.0	2.6	ppbv			
Dichlorotetrafluoroethane(F-114)	9.0	90.3	9.2	92.0	10.0	1.9	ppbv			
Vinyl Chloride	8.7	86.5	8.5	85.4	10.0	1.3	ppbv			
1,3-Butadiene	8.7	86.5	8.7	86.8	10.0	0.3	ppbv			
Bromomethane	8.8	88.4	8.8	87.5	10.0	1.0	ppbv			
Chloroethane	10.1	101	10.4	104	10.0	2.6	ppbv			
Ethanol	11.8	118	9.5	95.0	10.0	21.9	ppbv			
Bromoethene(Vinyl Bromide)	10.1	101	10.6	106	10.0	4.6	ppbv			
Trichlorofluoromethane (F-11)	9.2	91.8	9.5	95.2	10.0	3.6	ppbv			
Acetone	8.9	88.5	9.1	91.1	10.0	2.9	ppbv			
Isopropyl Alcohol (2-Propanol)	10.1	101	10.7	107	10.0	5.5	ppbv			
1,1-Dichloroethene	9.5	95.0	10.0	100	10.0	5.0	ppbv			
Trichlorotrifluoroethane (F-113)	9.0	89.9	9.5	94.7	10.0	5.2	ppbv			
Methylene Chloride	8.7	87.3	9.2	92.0	10.0	5.2	ppbv			
Allyl Chloride	10.0	100	10.6	106	10.0	6.1	ppbv			
Carbon disulfide	9.4	93.7	10.0	100	10.0	6.4	ppbv			
trans-1,2-Dichloroethene	9.4	94.0	10.0	100	10.0	6.6	ppbv			
Methyl tert-butyl ether	9.9	98.9	10.6	106	10.0	6.5	ppbv			
1,1-Dichloroethane	9.4	93.6	9.8	97.5	10.0	4.1	ppbv			
Vinyl acetate	9.9	98.6	10.6	106	10.0	7.1	ppbv			
2-Butanone (MEK)	9.1	91.2	9.3	92.8	10.0	1.7	ppbv			
Hexane	10.1	101	10.6	106	10.0	5.4	ppbv			
cis-1,2-Dichloroethene	9.0	89.5	9.3	92.9	10.0	3.7	ppbv			
Ethyl Acetate	9.5	95.2	10.2	102	10.0	6.6	ppbv			
Chloroform	8.8	88.3	9.3	92.7	10.0	4.9	ppbv			
Tetrahydrofuran	8.8	88.0	8.9	88.5	10.0	0.6	ppbv			
1,1,1-Trichloroethane	9.2	91.9	9.6	95.9	10.0	4.3	ppbv			
1,2-Dichloroethane	9.0	89.7	9.3	93.2	10.0	3.8	ppbv			
Benzene	8.7	87.4	9.1	91.4	10.0	4.5	ppbv			
Carbon tetrachloride	9.0	89.5	9.3	92.9	10.0	3.7	ppbv			
Cyclohexane	9.6	96.0	10.1	101	10.0	5.2	ppbv			
2,2,4-Trimethylpentane	9.9	98.8	10.6	106	10.0	6.8	ppbv			
Heptane	10.1	101	10.8	108	10.0	6.1	ppbv			
1,2-Dichloropropane	9.0	89.8	9.8	97.7	10.0	8.4	ppbv			
Trichloroethene	9.2	92.3	9.7	97.3	10.0	5.3	ppbv			
Bromodichloromethane	9.9	98.7	10.6	106	10.0	6.9	ppbv			
1,4-Dioxane	10.9	109	9.7	96.9	10.0	11.7	ppbv			
Methylcyclohexane	9.6	95.6	10.2	102	10.0	6.7	ppbv			
cis-1,3-Dichloropropene	10.0	100	10.8	108	10.0	7.6	ppbv			
4-methyl-2-pentanone	10.2	102	10.9	109	10.0	7.2	ppbv			
trans-1,3-Dichloropropene	10.5	105	11.4	114	10.0	8.3	ppbv			
Toluene	9.0	90.4	9.7	97.0	10.0	7.0	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 12/19/2017 Batch: MS011219 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.7	87.4	9.4	94.4	10.0	7.7	ppbv			
2-Hexanone	11.1	111	11.4	114	10.0	2.7	ppbv			
n-Octane	9.9	99.3	10.7	107	10.0	7.7	ppbv			
Dibromochloromethane	9.7	96.9	10.2	102	10.0	5.2	ppbv			
1,2-Dibromoethane	9.3	92.8	10.0	100	10.0	7.4	ppbv			
Tetrachloroethene	9.1	91.3	9.6	96.0	10.0	5.0	ppbv			
Chlorobenzene	8.7	87.4	9.2	91.7	10.0	4.8	ppbv			
Ethylbenzene	9.3	92.5	9.8	98.2	10.0	6.0	ppbv			
m&p-Xylene	18.3	91.7	19.4	97.0	20.0	5.6	ppbv			
Bromoform	9.5	95.3	10.0	100	10.0	4.6	ppbv			
Styrene	9.3	92.7	9.8	98.2	10.0	5.8	ppbv			
Nonane	9.4	94.0	9.8	97.7	10.0	3.9	ppbv			
o-Xylene	9.0	89.6	9.4	93.7	10.0	4.5	ppbv			
1,1,2,2-Tetrachloroethane	9.2	91.8	9.8	98.0	10.0	6.5	ppbv			
Isopropylbenzene	9.5	95.4	10.1	101	10.0	5.6	ppbv			
n-Propylbenzene	9.8	97.7	10.3	103	10.0	5.0	ppbv			
4-Ethyltoluene	10.1	101	10.7	107	10.0	5.5	ppbv			
1,3,5-Trimethylbenzene	9.6	96.4	10.2	102	10.0	5.9	ppbv			
Tert-Butyl Benzene	9.2	91.6	9.7	97.3	10.0	6.0	ppbv			
1,2,4-Trimethylbenzene	9.7	96.6	10.2	102	10.0	4.9	ppbv			
Sec-Butyl Benzene	9.9	98.6	10.4	104	10.0	5.0	ppbv			
1,3-Dichlorobenzene	8.9	89.3	9.4	93.6	10.0	4.7	ppbv			
Benzyl chloride	9.4	93.7	9.8	98.3	10.0	4.8	ppbv			
1,4-Dichlorobenzene	9.1	91.3	9.5	94.7	10.0	3.7	ppbv			
1,2-Dichlorobenzene	9.1	90.8	9.4	94.2	10.0	3.7	ppbv			
n-Butyl Benzene	9.9	98.7	10.5	105	10.0	5.9	ppbv			
1,2,4-Trichlorobenzene	9.1	90.5	9.4	93.9	10.0	3.7	ppbv			
Naphthalene	10.1	101	10.3	103	10.0	1.3	ppbv			
Hexachlorobutadiene	8.3	83.3	8.7	86.6	10.0	3.9	ppbv			
Surr: 4-Bromofluorobenzene	10.6	106	10.5	105			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	17L008	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-171210-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	3/10/2018
A-171208-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	3/8/2018
A-171219-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	3/19/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

1 of 3

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 1811 N. Tatum Blvd P-186	Sampler: George A Nichols Phone: 480-318-9459	171008
	Project Name: Project Number: Spo158	
City, State, Zip: Phoenix AZ 85028	Project location: CVS	
Contact: Brian McNamara	P.O. Number: Spo158	
Phone: 602-513-5816 Fax:	Fax Results: Y (N)	
E-Mail Address: BMcNamara@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2103	071	6 (1) bag	(1) 2 5	SG01 05 12062017	12-6-17	1212	S	1	/									
02	1886	164	6 (1) bag	(1) 2 5	SG01 15 12062017	12-6-17	1235	S	1	/									
03	1856	010	6 (1) bag	(1) 2 5	SG06 05 12072017	12-7-17	1052	S	1	/									
04	1870	031	6 (1) bag	(1) 2 5	SG06 15 12072017	12-7-17	1115	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
12-7-17	1400		
12-7-17	1435		Jaime Jaime - Airtech

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

2 of 3

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N. Tatum Blvd P-186	Sampler: George A Nichols Phone: 480-318-9459	17L008
	Project Name: EVS Project Number: Sp0158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: Sp0158	
Phone: 602-513-5816 Fax:	Fax Results: Y (N)	
E-Mail Address: BMcnamara@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes____ No____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes____ No____	____ 5 working Day	I: indoor air
Total # of Containers:_____	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
05	E2357	014	6 (1) bag	(1) 2 5	SG0405 12072017	12-7-17	0715	S	1	/									
06	1847	047	6 (1) bag	(1) 2 5	SG0415 12072017	12-7-17	0743	S	1	/									
07	1876	095	6 (1) bag	(1) 2 5	SG0505 12072017	12-7-17	0805	S	1	/									
08	1873	022	6 (1) bag	(1) 2 5	SG0515 12072017	12-7-17	0827	S	1	/									
09	E2294	193	6 (1) bag	(1) 2 5	SG0305 12072017	12-7-17	0847	S	1	/									
10	E2351	065	6 (1) bag	(1) 2 5	SG0315 12072017	12-7-17	0914	S	1	/									
11	E2385	072	6 (1) bag	(1) 2 5	SG0205 12072017	12-7-17	0934	S	1	/									
12	1851	196	6 (1) bag	(1) 2 5	SG0215 12072017	12-7-17	0956	S	1	/									
13	E2364	085	6 (1) bag	(1) 2 5	SG0705 12072017	12-7-17	1012	S	1	/									
14	1883	117	6 (1) bag	(1) 2 5	SG0715 12072017	12-7-17	1033	S	1	/									

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
12-7-17	1400		
12-7-17	1435		Jamie Jones-Airtech

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1	AEL Lab #
Address: 11811 N. TATUM Blvd P-186	Sampler: George A Hitchen Phone: 480-318-9459	17L008
	Project Name: CVS Project Number: Sp0158	
City, State, Zip: Phoenix AZ 85028	Project location:	
Contact: Brian McNamara	P.O. Number: Sp0158	
Phone: 602-513-5816 Fax:	Fax Results: Y (N)	
E-Mail Address: BMcNamara@GEOSYNTEC.com	E-Mail Results: (Y) N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
15	E2372	104	6 (1) bag	(1) 2 5	SVE01 12072017	12-7-17	1330	S	1	/									
16	E2282	086	6 (1) bag	(1) 2 5	SVE02 12072017	12-7-17	1333	S	1	/									
17	E2287	150	6 (1) bag	(1) 2 5	SVE03 12072017	12-7-17	1337	S	1	/									
18	E2361	192	6 (1) bag	(1) 2 5	SVE04 12072017	12-7-17	1342	S	1	/									
19	0265	012	6 (1) bag	(1) 2 5	SVE05 12072017	12-7-17	1346	S	1	/									
20	E2368	144	6 (1) bag	(1) 2 5	SVE06 12072017	12-7-17	1352	S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
12-7-17	1400	[signature]	[signature]
12-7-17	1437	[signature]	James Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

Dear Client:

Airtech Environmental Laboratories received three (3) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B004-01	SV-07-60-20180205	TO-15	2/5/2018	1647
18B004-02	SV-07-70-20180206	TO-15	2/6/2018	1014
18B004-03	SV-07-80-20180206	TO-15	2/6/2018	1225

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/06/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B004-01	SV-07-60-20180205	E2413	1801-07	29.0	13.04	056	1712-12
18B004-02	SV-07-70-20180206	E2369	1801-07	29.0	13.82	110	1712-12
18B004-03	SV-07-80-20180206	1797	1801-03	29.0	13.78	130	1712-12

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-60-20180205
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/5/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	2/6/2018	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	2/6/2018	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	2/6/2018	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	2/6/2018	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	2/6/2018	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	R6	200	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**100**	**100**	**466**	**466**		200	2/6/2018	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	2/6/2018	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5	200	2/6/2018	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	2/6/2018	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	2/6/2018	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	2/6/2018	67-64-1
Allyl chloride	< 200	200	< 626	626		200	2/6/2018	107-05-1
Benzene	**168**	**100**	**536**	**319**		200	2/6/2018	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	2/6/2018	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437	L5	200	2/6/2018	593-60-2
Bromoform	< 100	100	< 1,030	1,030		200	2/6/2018	75-25-2
Bromomethane	< 100	100	< 388	388		200	2/6/2018	74-83-9
Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	104-51-8
Carbon disulfide	< 400	400	< 1,240	1,240		200	2/6/2018	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	2/6/2018	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	2/6/2018	108-90-7
Chloroethane	< 100	100	< 264	264	L5	200	2/6/2018	75-00-3
Chloroform	< 100	100	< 488	488		200	2/6/2018	67-66-3
Chloromethane	< 200	200	< 414	414		200	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	2/6/2018	10061-01-5
Cyclohexane	**384**	**100**	**1,320**	**344**		200	2/6/2018	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	2/6/2018	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	L5	200	2/6/2018	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	2/6/2018	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-60-20180205
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/5/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**450**	**100**	**1,850**	**410**		200	2/6/2018	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	2/6/2018	87-68-3
Hexane	**2,110**	**200**	**7,430**	**704**		200	2/6/2018	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	2/6/2018	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	2/6/2018	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	2/6/2018	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	2/6/2018	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	2/6/2018	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	2/6/2018	111-84-2
Octane	< 200	200	< 934	934		200	2/6/2018	111-65-9
o-Xylene	< 100	100	< 434	434		200	2/6/2018	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	2/6/2018	115-07-1
Propylbenzene	< 200	200	< 984	984		200	2/6/2018	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	135-98-8
Styrene	< 100	100	< 426	426		200	2/6/2018	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	2/6/2018	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	2/6/2018	109-99-9
Toluene	< 100	100	< 377	377		200	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	2/6/2018	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	2/6/2018	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	2/6/2018	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	96.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-70-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 270	270		100	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 340	340		100	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 270	270		100	2/6/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 200	200		100	2/6/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 250	250		100	2/6/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 380	380		100	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 200	200		100	2/6/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 230	230		100	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 250	250		100	2/6/2018	108-67-8
1,3-Butadiene	< 50	50	< 110	110		100	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720	R6	100	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**267**	**50**	**1,240**	**230**		100	2/6/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/6/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5	100	2/6/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,230	1,230		100	2/6/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/6/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/6/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/6/2018	107-05-1
Benzene	**66**	**50**	**211**	**160**		100	2/6/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/6/2018	100-44-7
Bromodichloromethane	< 50	50	< 340	340		100	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 220	220	L5	100	2/6/2018	593-60-2
Bromoform	< 50	50	< 520	520		100	2/6/2018	75-25-2
Bromomethane	< 50	50	< 190	190		100	2/6/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/6/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/6/2018	75-15-0
Carbon tetrachloride	< 50	50	< 320	320		100	2/6/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/6/2018	108-90-7
Chloroethane	< 50	50	< 130	130	L5	100	2/6/2018	75-00-3
Chloroform	< 50	50	< 240	240		100	2/6/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 230	230		100	2/6/2018	10061-01-5
Cyclohexane	**440**	**50**	**1,510**	**170**		100	2/6/2018	110-82-7
Dibromochloromethane	< 50	50	< 430	430		100	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 500	500		100	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/6/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/6/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/6/2018	141-78-6
Ethylbenzene	< 50	50	< 220	220		100	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-70-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**300**	**50**	**1,230**	**210**		100	2/6/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,070	1,070		100	2/6/2018	87-68-3
Hexane	**1,330**	**100**	**4,680**	**352**		100	2/6/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/6/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/6/2018	1634-04-4
Methylcyclohexane	**358**	**100**	**1,440**	**402**		100	2/6/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/6/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/6/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/6/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/6/2018	111-65-9
o-Xylene	< 50	50	< 220	220		100	2/6/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/6/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/6/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/6/2018	135-98-8
Styrene	< 50	50	< 210	210		100	2/6/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/6/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/6/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/6/2018	109-99-9
Toluene	< 50	50	< 190	190		100	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 230	230		100	2/6/2018	10061-02-6
Trichloroethene	< 50	50	< 270	270		100	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 280	280		100	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 380	380		100	2/6/2018	76-13-1
Vinyl acetate	< 50	50	< 180	180		100	2/6/2018	108-05-4
Vinyl chloride	< 50	50	< 130	130		100	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	102	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-80-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**61,100**	**2,500**	**285,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**33,300**	**2,500**	**106,000**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**148,000**	**2,500**	**509,000**	**8,600**		5,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-80-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**41,600**	**2,500**	**171,000**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**365,000**	**20,000**	**1,280,000**	**70,400**		20,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**66,200**	**5,000**	**266,000**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.1	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/6/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/6/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/6/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/6/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/6/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/6/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/6/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/6/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/6/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/6/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/6/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/6/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/6/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/6/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/6/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/6/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/6/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/6/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/6/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/6/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/6/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/6/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/6/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/6/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/6/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/6/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/6/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/6/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/6/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/6/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/6/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/6/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/6/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/6/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/6/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.3	103	10.3	103	10.0	0.3	ppbv			
Dichlorodifluoromethane(F-12)	10.3	103	10.6	106	10.0	2.8	ppbv			
Chloromethane	11.5	115	11.7	117	10.0	1.6	ppbv			
Dichlorotetrafluoroethane(F-114)	10.2	102	10.3	103	10.0	1.1	ppbv			
Vinyl Chloride	8.5	84.9	8.1	80.9	10.0	4.8	ppbv			
1,3-Butadiene	12.1	121	11.5	115	10.0	5.3	ppbv			
Bromomethane	8.7	87	9.1	90.9	10.0	4.7	ppbv			
Chloroethane	13.3	133	12.5	125	10.0	6.0	ppbv	L5		
Ethanol	19.6	196	18.4	184	10.0	6.3	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	13.6	136	11.9	119	10.0	12.8	ppbv	L5		
Trichlorofluoromethane (F-11)	10.0	100	9.4	93.9	10.0	6.4	ppbv			
Acetone	10.5	105	9.3	93.2	10.0	11.5	ppbv			
Isopropyl Alcohol (2-Propanol)	11.3	113	10.4	104	10.0	7.7	ppbv			
1,1-Dichloroethene	10.7	107	10.2	102	10.0	5.2	ppbv			
Trichlorotrifluoroethane (F-113)	9.5	95.0	8.9	88.6	10.0	7.0	ppbv			
Methylene Chloride	11.2	112	10.3	103	10.0	9.1	ppbv			
Allyl Chloride	9.9	99	9.6	96.0	10.0	2.6	ppbv			
Carbon disulfide	10.0	100	9.3	93.3	10.0	7.3	ppbv			
trans-1,2-Dichloroethene	9.9	99	9.2	92.1	10.0	6.8	ppbv			
Methyl tert-butyl ether	11.1	111	10.7	107	10.0	3.8	ppbv			
1,1-Dichloroethane	10.3	103	9.8	98.0	10.0	4.9	ppbv			
Vinyl acetate	12.8	128	12.2	122	10.0	4.4	ppbv			
2-Butanone (MEK)	10.7	107	10.0	99.8	10.0	6.6	ppbv			
Hexane	12.3	123	11.2	112	10.0	9.5	ppbv			
cis-1,2-Dichloroethene	9.2	92	8.9	88.7	10.0	3.8	ppbv			
Ethyl Acetate	12.7	127	11.1	111	10.0	13.6	ppbv			
Chloroform	10.0	100	9.8	97.9	10.0	2.1	ppbv			
Tetrahydrofuran	11.7	117	11.4	114	10.0	2.7	ppbv			
1,1,1-Trichloroethane	10.1	101	9.7	97.3	10.0	3.3	ppbv			
1,2-Dichloroethane	11.0	110	10.5	105	10.0	4.9	ppbv			
Benzene	10.3	103	9.1	91.3	10.0	11.7	ppbv			
Carbon tetrachloride	10.2	102	9.7	97.4	10.0	4.8	ppbv			
Cyclohexane	12.0	120	10.9	109	10.0	9.2	ppbv			
2,2,4-Trimethylpentane	11.4	114	10.5	105	10.0	7.6	ppbv			
Heptane	12.1	121	11.4	114	10.0	5.9	ppbv			
1,2-Dichloropropane	10.7	107	9.5	95.1	10.0	11.8	ppbv			
Trichloroethene	9.1	90.8	8.3	83.1	10.0	8.9	ppbv			
Bromodichloromethane	10.8	108	10.1	101	10.0	6.8	ppbv			
1,4-Dioxane	11.4	114	8.3	82.8	10.0	31.6	ppbv			R6
Methylcyclohexane	10.9	109	9.9	98.8	10.0	9.5	ppbv			
cis-1,3-Dichloropropene	11.3	113	10.5	105	10.0	8.0	ppbv			
4-methyl-2-pentanone	12.6	126	11.2	112	10.0	11.7	ppbv			
trans-1,3-Dichloropropene	11.6	116	10.6	106	10.0	9.3	ppbv			
Toluene	10.3	103	9.1	90.8	10.0	12.3	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.4	94.1	8.3	83.3	10.0	12.2	ppbv			
2-Hexanone	13.9	139	12.2	122	10.0	13.1	ppbv	L5		
n-Octane	12.9	129	12.2	122	10.0	5.7	ppbv			
Dibromochloromethane	10.5	105	9.5	95.4	10.0	9.6	ppbv			
1,2-Dibromoethane	9.7	96.7	9.1	90.9	10.0	6.2	ppbv			
Tetrachloroethene	9.1	90.8	8.2	82.2	10.0	9.9	ppbv			
Chlorobenzene	8.8	88.0	8.0	80.0	10.0	9.5	ppbv			
Ethylbenzene	9.5	95.3	8.9	88.7	10.0	7.2	ppbv			
m&p-Xylene	18.8	94.1	17.6	87.9	20.0	6.9	ppbv			
Bromoform	9.5	95.4	9.1	91.4	10.0	4.3	ppbv			
Styrene	9.4	94.2	8.9	89.1	10.0	5.6	ppbv			
Nonane	12.0	120	11.4	114	10.0	4.8	ppbv			
o-Xylene	8.9	88.7	8.4	83.7	10.0	5.8	ppbv			
1,1,2,2-Tetrachloroethane	10.1	101	9.4	93.9	10.0	7.0	ppbv			
Isopropylbenzene	10.5	105	10.1	101	10.0	4.0	ppbv			
n-Propylbenzene	10.8	108	10.6	106	10.0	2.7	ppbv			
4-Ethyltoluene	11.1	111	10.9	109	10.0	2.3	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.3	103	10.0	0.7	ppbv			
Tert-Butyl Benzene	9.8	97.5	9.7	96.9	10.0	0.6	ppbv			
1,2,4-Trimethylbenzene	10.1	101	9.9	99.4	10.0	1.4	ppbv			
Sec-Butyl Benzene	10.3	103	10.4	104	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.0	89.5	8.9	88.8	10.0	0.8	ppbv			
Benzyl chloride	9.8	97.5	10.0	100	10.0	2.7	ppbv			
1,4-Dichlorobenzene	9.4	94.4	9.8	97.9	10.0	3.6	ppbv			
1,2-Dichlorobenzene	9.7	97.1	10.0	100	10.0	2.8	ppbv			
n-Butyl Benzene	10.7	107	11.1	111	10.0	3.7	ppbv			
1,2,4-Trichlorobenzene	11.2	112	11.6	116	10.0	3.5	ppbv			
Naphthalene	9.6	95.5	10.3	103	10.0	7.9	ppbv			
Hexachlorobutadiene	9.7	97.3	9.8	98.4	10.0	1.1	ppbv			
Surr: 4-Bromofluorobenzene	10.7	107	11.9	119			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180130-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/30/2018

Airtech Environmental Laboratories (AEL) — Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1		AEL Lab #
Address: 4811 N. JATUM BLVD.	Sampler: MATT WILLIAMS	Phone: 720-934-9045	18B004
STE. P-186	Project Name: CVS	Project Number: SP0158	
City, State, Zip: PHOENIX, AZ 85028	Project location: 2406 E. THOMAS		
Contact: BRIAN MCNAMARA	P.O. Number:		
Phone: / Fax:	Fax Results: Y N		
E-Mail Address: BMcNamara@geosyntec.com	E-Mail Results: (Y) N		

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

✓ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

PID	AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
97.0	01	E2413	056	6 (1) bag	1 2 (5)	SV-07-60-20180205	2-5-18	1647	S	1	✓									
81.7	02	E2369	110	6 (1) bag	1 2 (5)	SV-07-70-20180206	2-6-18	1014	S	1	✓									
523	03	1797	130	6 (1) bag	1 2 (5)	SV-07-80-20180206	2-6-18	1225	S	1	✓									
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
2/6/18	1240	[signature]	[signature]
2/6/18	~~1240~~ 1240	[signature] MIKE MNENKH	[signature] James Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B005-01	SV-07-90-20180206	TO-15	2/6/2018	1226
18B005-02	SV-07-100-20180206	TO-15	2/6/2018	1605

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/06/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B005-01	SV-07-90-20180206	1872	1801-09	29.0	9.15	128	1712-12
18B005-02	SV-07-100-20180206	E2352	1712-04	29.0	13.80	127	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-90-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**54,300**	**2,500**	**253,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**4,450**	**2,500**	**14,200**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**117,000**	**2,500**	**402,000**	**8,600**		5,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-90-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**6,400**	**2,500**	**26,200**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**235,000**	**5,000**	**827,000**	**17,600**		5,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**23,600**	**5,000**	**94,900**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-100-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**150,000**	**2,500**	**699,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**3,400**	**2,500**	**10,800**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**349,000**	**10,000**	**1,200,000**	**34,400**		20,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-100-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**38,200**	**2,500**	**157,000**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**614,000**	**20,000**	**2,160,000**	**70,400**		20,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**124,000**	**5,000**	**498,000**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/6/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/6/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/6/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/6/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/6/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/6/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/6/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/6/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/6/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/6/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/6/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/6/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/6/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/6/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/6/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/6/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/6/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/6/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/6/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/6/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/6/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/6/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/6/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/6/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/6/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/6/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/6/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/6/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/6/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/6/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/6/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/6/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/6/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/6/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/6/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.3	103	10.3	103	10.0	0.3	ppbv			
Dichlorodifluoromethane(F-12)	10.3	103	10.6	106	10.0	2.8	ppbv			
Chloromethane	11.5	115	11.7	117	10.0	1.6	ppbv			
Dichlorotetrafluoroethane(F-114)	10.2	102	10.3	103	10.0	1.1	ppbv			
Vinyl Chloride	8.5	84.9	8.1	80.9	10.0	4.8	ppbv			
1,3-Butadiene	12.1	121	11.5	115	10.0	5.3	ppbv			
Bromomethane	8.7	87	9.1	90.9	10.0	4.7	ppbv			
Chloroethane	13.3	133	12.5	125	10.0	6.0	ppbv	L5		
Ethanol	19.6	196	18.4	184	10.0	6.3	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	13.6	136	11.9	119	10.0	12.8	ppbv	L5		
Trichlorofluoromethane (F-11)	10.0	100	9.4	93.9	10.0	6.4	ppbv			
Acetone	10.5	105	9.3	93.2	10.0	11.5	ppbv			
Isopropyl Alcohol (2-Propanol)	11.3	113	10.4	104	10.0	7.7	ppbv			
1,1-Dichloroethene	10.7	107	10.2	102	10.0	5.2	ppbv			
Trichlorotrifluoroethane (F-113)	9.5	95.0	8.9	88.6	10.0	7.0	ppbv			
Methylene Chloride	11.2	112	10.3	103	10.0	9.1	ppbv			
Allyl Chloride	9.9	99	9.6	96.0	10.0	2.6	ppbv			
Carbon disulfide	10.0	100	9.3	93.3	10.0	7.3	ppbv			
trans-1,2-Dichloroethene	9.9	99	9.2	92.1	10.0	6.8	ppbv			
Methyl tert-butyl ether	11.1	111	10.7	107	10.0	3.8	ppbv			
1,1-Dichloroethane	10.3	103	9.8	98.0	10.0	4.9	ppbv			
Vinyl acetate	12.8	128	12.2	122	10.0	4.4	ppbv			
2-Butanone (MEK)	10.7	107	10.0	99.8	10.0	6.6	ppbv			
Hexane	12.3	123	11.2	112	10.0	9.5	ppbv			
cis-1,2-Dichloroethene	9.2	92	8.9	88.7	10.0	3.8	ppbv			
Ethyl Acetate	12.7	127	11.1	111	10.0	13.6	ppbv			
Chloroform	10.0	100	9.8	97.9	10.0	2.1	ppbv			
Tetrahydrofuran	11.7	117	11.4	114	10.0	2.7	ppbv			
1,1,1-Trichloroethane	10.1	101	9.7	97.3	10.0	3.3	ppbv			
1,2-Dichloroethane	11.0	110	10.5	105	10.0	4.9	ppbv			
Benzene	10.3	103	9.1	91.3	10.0	11.7	ppbv			
Carbon tetrachloride	10.2	102	9.7	97.4	10.0	4.8	ppbv			
Cyclohexane	12.0	120	10.9	109	10.0	9.2	ppbv			
2,2,4-Trimethylpentane	11.4	114	10.5	105	10.0	7.6	ppbv			
Heptane	12.1	121	11.4	114	10.0	5.9	ppbv			
1,2-Dichloropropane	10.7	107	9.5	95.1	10.0	11.8	ppbv			
Trichloroethene	9.1	90.8	8.3	83.1	10.0	8.9	ppbv			
Bromodichloromethane	10.8	108	10.1	101	10.0	6.8	ppbv			
1,4-Dioxane	11.4	114	8.3	82.8	10.0	31.6	ppbv			R6
Methylcyclohexane	10.9	109	9.9	98.8	10.0	9.5	ppbv			
cis-1,3-Dichloropropene	11.3	113	10.5	105	10.0	8.0	ppbv			
4-methyl-2-pentanone	12.6	126	11.2	112	10.0	11.7	ppbv			
trans-1,3-Dichloropropene	11.6	116	10.6	106	10.0	9.3	ppbv			
Toluene	10.3	103	9.1	90.8	10.0	12.3	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.4	94.1	8.3	83.3	10.0	12.2	ppbv			
2-Hexanone	13.9	139	12.2	122	10.0	13.1	ppbv	L5		
n-Octane	12.9	129	12.2	122	10.0	5.7	ppbv			
Dibromochloromethane	10.5	105	9.5	95.4	10.0	9.6	ppbv			
1,2-Dibromoethane	9.7	96.7	9.1	90.9	10.0	6.2	ppbv			
Tetrachloroethene	9.1	90.8	8.2	82.2	10.0	9.9	ppbv			
Chlorobenzene	8.8	88.0	8.0	80.0	10.0	9.5	ppbv			
Ethylbenzene	9.5	95.3	8.9	88.7	10.0	7.2	ppbv			
m&p-Xylene	18.8	94.1	17.6	87.9	20.0	6.9	ppbv			
Bromoform	9.5	95.4	9.1	91.4	10.0	4.3	ppbv			
Styrene	9.4	94.2	8.9	89.1	10.0	5.6	ppbv			
Nonane	12.0	120	11.4	114	10.0	4.8	ppbv			
o-Xylene	8.9	88.7	8.4	83.7	10.0	5.8	ppbv			
1,1,2,2-Tetrachloroethane	10.1	101	9.4	93.9	10.0	7.0	ppbv			
Isopropylbenzene	10.5	105	10.1	101	10.0	4.0	ppbv			
n-Propylbenzene	10.8	108	10.6	106	10.0	2.7	ppbv			
4-Ethyltoluene	11.1	111	10.9	109	10.0	2.3	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.3	103	10.0	0.7	ppbv			
Tert-Butyl Benzene	9.8	97.5	9.7	96.9	10.0	0.6	ppbv			
1,2,4-Trimethylbenzene	10.1	101	9.9	99.4	10.0	1.4	ppbv			
Sec-Butyl Benzene	10.3	103	10.4	104	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.0	89.5	8.9	88.8	10.0	0.8	ppbv			
Benzyl chloride	9.8	97.5	10.0	100	10.0	2.7	ppbv			
1,4-Dichlorobenzene	9.4	94.4	9.8	97.9	10.0	3.6	ppbv			
1,2-Dichlorobenzene	9.7	97.1	10.0	100	10.0	2.8	ppbv			
n-Butyl Benzene	10.7	107	11.1	111	10.0	3.7	ppbv			
1,2,4-Trichlorobenzene	11.2	112	11.6	116	10.0	3.5	ppbv			
Naphthalene	9.6	95.5	10.3	103	10.0	7.9	ppbv			
Hexachlorobutadiene	9.7	97.3	9.8	98.4	10.0	1.1	ppbv			
Surr: 4-Bromofluorobenzene	10.7	107	11.9	119			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180130-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/30/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N. Tatum Blvd, Sot 182	Sampler: Matt Williams Phone:	18B005
	Project Name: CVS Project Number: 5P0158	
City, State, Zip: Phoenix, AZ	Project location:	
Contact: Brian McNamara	P.O. Number:	
Phone: Fax:	Fax Results: Y N	
E-Mail Address: b'	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	X 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	____ 5 working Day	I: indoor air
Total # of Containers:_____	____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	1872	128	6 (1) bag	1 2 (5)	SV-07-90-20180206	02-06-18	1226	S	1	✓									
02	E2352	127	6 (1) bag	1 2 (5)	SV-07-100-20180206	02-06-18	1605	S	1	✓									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-06-18	506	[illegible]	James Jon - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

Dear Client:

Airtech Environmental Laboratories received four (4) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B008-01	SV-08-60-20180207	TO-15	2/7/2018	1530
18B008-02	SV-08-70-20180208	TO-15	2/8/2018	0752
18B008-03	SV-08-80-20180208	TO-15	2/8/2018	0955
18B008-04	SV-08-90-20180208	TO-15	2/8/2018	1137

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/08/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B008-01	SV-08-60-20180207	E2095	1801-11	29.0	11.11	179	1712-02
18B008-02	SV-08-70-20180208	1834	1801-11	29.0	11.36	052	1712-02
18B008-03	SV-08-80-20180208	1801	1801-11	29.0	13.06	170	1712-02
18B008-04	SV-08-90-20180208	1808	1801-11	29.0	14.05	166	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-60-20180207
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/7/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720		100	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**399**	**50**	**1,860**	**233**		100	2/8/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/8/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5, R6	100	2/8/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,230	1,230		100	2/8/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/8/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/8/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/8/2018	107-05-1
Benzene	**99**	**50**	**316**	**160**		100	2/8/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/8/2018	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	2/8/2018	593-60-2
Bromoform	< 50	50	< 517	517		100	2/8/2018	75-25-2
Bromomethane	< 50	50	< 194	194		100	2/8/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/8/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/8/2018	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	2/8/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/8/2018	108-90-7
Chloroethane	< 50	50	< 132	132	L5	100	2/8/2018	75-00-3
Chloroform	< 50	50	< 244	244		100	2/8/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-01-5
Cyclohexane	**1,340**	**50**	**4,610**	**172**		100	2/8/2018	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/8/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/8/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/8/2018	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-60-20180207
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/7/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**189**	**50**	**775**	**205**		100	2/8/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,070	1,070		100	2/8/2018	87-68-3
Hexane	**1,550**	**100**	**5,460**	**352**		100	2/8/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/8/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/8/2018	1634-04-4
Methylcyclohexane	**585**	**100**	**2,350**	**402**		100	2/8/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/8/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/8/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/8/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/8/2018	111-65-9
o-Xylene	< 50	50	< 217	217		100	2/8/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/8/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/8/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	135-98-8
Styrene	< 50	50	< 213	213		100	2/8/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/8/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/8/2018	109-99-9
Toluene	< 50	50	< 189	189		100	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-02-6
Trichloroethene	< 50	50	< 269	269		100	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	2/8/2018	76-13-1
Vinyl acetate	< 50	50	< 176	176	L5	100	2/8/2018	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	91.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-70-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**28**	**10**	**132**	**46.6**		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	**12**	**10**	**37.6**	**31.9**		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**181**	**10**	**621**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-70-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**45**	**10**	**185**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**216**	**20**	**762**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**71**	**20**	**284**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	< 20	20	< 93.4	93.4		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.3	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-80-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720		100	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**72**	**50**	**336**	**233**		100	2/8/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/8/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5, R6	100	2/8/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,225	1,225		100	2/8/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/8/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/8/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/8/2018	107-05-1
Benzene	**57**	**50**	**182**	**160**		100	2/8/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/8/2018	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	2/8/2018	593-60-2
Bromoform	< 50	50	< 517	517		100	2/8/2018	75-25-2
Bromomethane	< 50	50	< 194	194		100	2/8/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/8/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/8/2018	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	2/8/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/8/2018	108-90-7
Chloroethane	< 50	50	< 132	132	L5	100	2/8/2018	75-00-3
Chloroform	< 50	50	< 244	244		100	2/8/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-01-5
Cyclohexane	**570**	**50**	**1,960**	**172**		100	2/8/2018	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/8/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/8/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/8/2018	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-80-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**656**	**50**	**2,690**	**205**		100	2/8/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,067	1,067		100	2/8/2018	87-68-3
Hexane	**2,400**	**100**	**8,450**	**352**		100	2/8/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/8/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/8/2018	1634-04-4
Methylcyclohexane	**168**	**100**	**675**	**402**		100	2/8/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/8/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/8/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/8/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/8/2018	111-65-9
o-Xylene	< 50	50	< 217	217		100	2/8/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/8/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/8/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	135-98-8
Styrene	< 50	50	< 213	213		100	2/8/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/8/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/8/2018	109-99-9
Toluene	< 50	50	< 189	189		100	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-02-6
Trichloroethene	< 50	50	< 269	269		100	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	2/8/2018	76-13-1
Vinyl acetate	< 50	50	< 176	176	L5	100	2/8/2018	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	93.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-90-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	**30**	**10**	**96.3**	**31.9**		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**123**	**10**	**423**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-90-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**155**	**10**	**637**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**630**	**20**	**2,220**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**19**	**20**	**75.6**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**65**	**20**	**304**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**13**	**10**	**49.0**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	102	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/8/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/8/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/8/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/8/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/8/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/8/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/8/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/8/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/8/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/8/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/8/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/8/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/8/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/8/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/8/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/8/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/8/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/8/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/8/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/8/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/8/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/8/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/8/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/8/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/8/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/8/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/8/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/8/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/8/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/8/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/8/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/8/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/8/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/8/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	97.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.9	88.6	9.8	97.9	10.0	10.0	ppbv			
Dichlorodifluoromethane(F-12)	9.0	89.9	9.6	96.0	10.0	6.6	ppbv			
Chloromethane	10.1	101.0	11.3	113	10.0	11.3	ppbv			
Dichlorotetrafluoroethane(F-114)	9.0	89.5	10.0	100	10.0	11.2	ppbv			
Vinyl Chloride	7.3	73.1	8.1	80.6	10.0	9.8	ppbv			
1,3-Butadiene	10.7	107	11.2	112	10.0	4.6	ppbv			
Bromomethane	7.2	71.9	7.9	78.8	10.0	9.2	ppbv			
Chloroethane	13.4	134	13.2	132	10.0	1.6	ppbv	L5	L5	
Ethanol	17.3	173	16.5	165	10.0	5.0	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	12.6	126	12.9	129	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	9.0	90.1	9.8	98.0	10.0	8.4	ppbv			
Acetone	8.8	87.9	10.3	103	10.0	15.3	ppbv			
Isopropyl Alcohol (2-Propanol)	9.4	93.8	10.7	107	10.0	12.7	ppbv			
1,1-Dichloroethene	9.6	95.8	10.6	106	10.0	9.7	ppbv			
Trichlorotrifluoroethane (F-113)	8.8	87.8	9.4	93.9	10.0	6.7	ppbv			
Methylene Chloride	9.9	98.5	11.4	114	10.0	14.2	ppbv			
Allyl Chloride	9.3	93.3	10.0	99.8	10.0	6.7	ppbv			
Carbon disulfide	9.5	95.1	9.8	98.1	10.0	3.1	ppbv			
trans-1,2-Dichloroethene	9.0	89.7	9.5	94.6	10.0	5.3	ppbv			
Methyl tert-butyl ether	9.6	95.9	11.1	111	10.0	14.2	ppbv			
1,1-Dichloroethane	10.0	99.8	10.4	104	10.0	4.5	ppbv			
Vinyl acetate	11.1	111	13.2	132	10.0	17.2	ppbv		L5	
2-Butanone (MEK)	9.5	95.1	10.9	109	10.0	13.8	ppbv			
Hexane	11.3	113	11.8	118	10.0	4.4	ppbv			
cis-1,2-Dichloroethene	8.8	87.9	9.3	93.3	10.0	6.0	ppbv			
Ethyl Acetate	10.5	105	12.4	124	10.0	17.0	ppbv			
Chloroform	9.1	90.7	10.0	100	10.0	10.1	ppbv			
Tetrahydrofuran	9.7	97	11.7	117	10.0	18.7	ppbv			
1,1,1-Trichloroethane	8.9	89.2	10.0	99.9	10.0	11.3	ppbv			
1,2-Dichloroethane	9.6	96.2	10.5	105	10.0	8.5	ppbv			
Benzene	9.1	90.6	9.6	96.0	10.0	5.8	ppbv			
Carbon tetrachloride	9.1	91.3	9.9	99.2	10.0	8.3	ppbv			
Cyclohexane	10.8	108	11.7	117	10.0	8.4	ppbv			
2,2,4-Trimethylpentane	10.3	103	11.0	110	10.0	7.2	ppbv			
Heptane	10.7	107	12.1	121	10.0	12.3	ppbv			
1,2-Dichloropropane	8.8	88.1	10.4	104	10.0	16.6	ppbv			
Trichloroethene	8.4	83.7	8.7	86.7	10.0	3.5	ppbv			
Bromodichloromethane	9.8	97.8	10.5	105	10.0	6.9	ppbv			
1,4-Dioxane	8.8	87.7	9.1	91.2	10.0	3.9	ppbv			
Methylcyclohexane	9.3	93.1	10.5	105	10.0	12.3	ppbv			
cis-1,3-Dichloropropene	10.1	101	11.2	112	10.0	11.1	ppbv			
4-methyl-2-pentanone	10.3	103	12.5	125	10.0	19.6	ppbv			
trans-1,3-Dichloropropene	9.9	98.7	11.2	112	10.0	12.4	ppbv			
Toluene	8.7	86.9	9.5	95.2	10.0	9.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.0	80.1	9.0	89.8	10.0	11.4	ppbv			
2-Hexanone	10.4	104	13.4	134	10.0	25.2	ppbv		L5	R6
n-Octane	11.1	111	12.3	123	10.0	11.0	ppbv			
Dibromochloromethane	8.8	88.2	9.9	99.4	10.0	11.9	ppbv			
1,2-Dibromoethane	8.1	80.7	9.4	93.7	10.0	14.9	ppbv			
Tetrachloroethene	7.9	79.4	8.5	84.7	10.0	6.5	ppbv			
Chlorobenzene	8.0	80.1	8.3	82.8	10.0	3.3	ppbv			
Ethylbenzene	9.0	89.7	9.3	92.8	10.0	3.4	ppbv			
m&p-Xylene	18.2	91.2	18.0	90.0	20.0	1.3	ppbv			
Bromoform	9.4	94.2	9.3	92.8	10.0	1.5	ppbv			
Styrene	9.1	90.8	8.8	88.0	10.0	3.1	ppbv			
Nonane	11.8	118	12.1	121	10.0	2.3	ppbv			
o-Xylene	9.0	89.9	8.5	85.0	10.0	5.6	ppbv			
1,1,2,2-Tetrachloroethane	9.5	95.3	10.0	100	10.0	4.8	ppbv			
Isopropylbenzene	9.7	97.1	10.0	100	10.0	3.3	ppbv			
n-Propylbenzene	10.1	101	10.5	105	10.0	4.2	ppbv			
4-Ethyltoluene	10.5	105	10.7	107	10.0	2.5	ppbv			
1,3,5-Trimethylbenzene	9.9	98.7	10.2	102	10.0	2.9	ppbv			
Tert-Butyl Benzene	9.4	93.8	9.5	95.2	10.0	1.5	ppbv			
1,2,4-Trimethylbenzene	10.0	99.9	10.0	100	10.0	0.0	ppbv			
Sec-Butyl Benzene	9.9	98.5	10.2	102	10.0	3.0	ppbv			
1,3-Dichlorobenzene	8.7	86.7	8.8	87.7	10.0	1.1	ppbv			
Benzyl chloride	9.2	91.9	9.9	98.5	10.0	6.9	ppbv			
1,4-Dichlorobenzene	9.2	91.7	9.6	95.8	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.3	93.2	9.8	97.5	10.0	4.5	ppbv			
n-Butyl Benzene	10.3	103	11.2	112	10.0	8.8	ppbv			
1,2,4-Trichlorobenzene	10.4	104	11.0	110	10.0	6.0	ppbv			
Naphthalene	10.3	103	11.6	116	10.0	11.8	ppbv			
Hexachlorobutadiene	8.9	89.3	9.8	97.8	10.0	9.1	ppbv			
Surr: 4-Bromofluorobenzene	11.1	111	11.0	110			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of ____	AEL Lab #
Address: 1181 N Tatum Blvd Ste P186	Sampler: Matt Williams Phone: 720-934-9043	18B008
Phoenix, AZ 85028	Project Name: CVS Project Number: SP0158	
City, State, Zip:	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt

Temperature_____ °C

Custody Seals: Yes_____ No_____

Custody Seals Intact: Yes_____ No_____

Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours

_____ 72 Hours

_____ 5 working Day

_____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction GW: ground water

A: ambient air WW: waste water

I: indoor air

S: soil vapor

W: water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	E2095	179	6 1 bag	1 2 5	SV-08-60-20180207	02-07-18	1530	S	1	✓							48.5		
02	1834	052	6 1 bag	1 2 5	SV-08-70-20180208	02-08-18	0752	S	1	✓							17.4		
03	1801	170	6 1 bag	1 2 5	SV-08-80-20180208	02-08-18	0955	S	1	✓							178.9		
04	1808	166	6 1 bag	1 2 5	SV-08-90-20180208	02-08-18	1137	S	1	✓							82.2		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-08-18	1325	Matt Wil	[illegible]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B011-01	SV-08-100-20180208	TO-15	2/8/2018	--
18B011-02	SV-08-100-20180208 Dup	TO-15	2/8/2018	--

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/08/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B011-01	SV-08-100-20180208	E2399	1801-09	29.0	11.74	219	1712-02
18B011-02	SV-08-100-20180208 Dup	1886	1712-02	29.0	11.75	108	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	**11**	**10**	**52.7**	**48.8**		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**17**	**10**	**58.5**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**13**	**10**	**51.7**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**74**	**20**	**261**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**37**	**20**	**150**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**97**	**20**	**455**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**12**	**10**	**46.0**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	99.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**19**	**10**	**86.7**	**46.6**		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	**18**	**10**	**87.8**	**48.8**		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**32**	**10**	**111**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**25**	**10**	**101**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**121**	**20**	**425**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**144**	**20**	**579**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**223**	**20**	**1,040**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**26**	**10**	**98.8**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	99.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/8/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/8/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/8/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/8/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/8/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/8/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/8/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/8/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/8/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/8/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/8/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/8/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/8/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/8/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/8/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/8/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/8/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/8/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/8/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/8/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/8/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/8/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/8/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/8/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/8/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/8/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/8/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/8/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/8/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/8/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/8/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/8/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/8/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/8/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	97.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.9	88.6	9.8	97.9	10.0	10.0	ppbv			
Dichlorodifluoromethane(F-12)	9.0	89.9	9.6	96.0	10.0	6.6	ppbv			
Chloromethane	10.1	101	11.3	113	10.0	11.3	ppbv			
Dichlorotetrafluoroethane(F-114)	9.0	89.5	10.0	100	10.0	11.2	ppbv			
Vinyl Chloride	7.3	73.1	8.1	80.6	10.0	9.8	ppbv			
1,3-Butadiene	10.7	107	11.2	112	10.0	4.6	ppbv			
Bromomethane	7.2	71.9	7.9	78.8	10.0	9.2	ppbv			
Chloroethane	13.4	134	13.2	132	10.0	1.6	ppbv	L5	L5	
Ethanol	17.3	173	16.5	165	10.0	5.0	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	12.6	126	12.9	129	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	9.0	90.1	9.8	98.0	10.0	8.4	ppbv			
Acetone	8.8	87.9	10.3	103	10.0	15.3	ppbv			
Isopropyl Alcohol (2-Propanol)	9.4	93.8	10.7	107	10.0	12.7	ppbv			
1,1-Dichloroethene	9.6	95.8	10.6	106	10.0	9.7	ppbv			
Trichlorotrifluoroethane (F-113)	8.8	87.8	9.4	93.9	10.0	6.7	ppbv			
Methylene Chloride	9.9	98.5	11.4	114	10.0	14.2	ppbv			
Allyl Chloride	9.3	93.3	10.0	99.8	10.0	6.7	ppbv			
Carbon disulfide	9.5	95.1	9.8	98.1	10.0	3.1	ppbv			
trans-1,2-Dichloroethene	9.0	89.7	9.5	94.6	10.0	5.3	ppbv			
Methyl tert-butyl ether	9.6	95.9	11.1	111	10.0	14.2	ppbv			
1,1-Dichloroethane	10.0	99.8	10.4	104	10.0	4.5	ppbv			
Vinyl acetate	11.1	111	13.2	132	10.0	17.2	ppbv		L5	
2-Butanone (MEK)	9.5	95.1	10.9	109	10.0	13.8	ppbv			
Hexane	11.3	113	11.8	118	10.0	4.4	ppbv			
cis-1,2-Dichloroethene	8.8	87.9	9.3	93.3	10.0	6.0	ppbv			
Ethyl Acetate	10.5	105	12.4	124	10.0	17.0	ppbv			
Chloroform	9.1	90.7	10.0	100	10.0	10.1	ppbv			
Tetrahydrofuran	9.7	96.9	11.7	117	10.0	18.7	ppbv			
1,1,1-Trichloroethane	8.9	89.2	10.0	99.9	10.0	11.3	ppbv			
1,2-Dichloroethane	9.6	96.2	10.5	105	10.0	8.5	ppbv			
Benzene	9.1	90.6	9.6	96.0	10.0	5.8	ppbv			
Carbon tetrachloride	9.1	91.3	9.9	99.2	10.0	8.3	ppbv			
Cyclohexane	10.8	108	11.7	117	10.0	8.4	ppbv			
2,2,4-Trimethylpentane	10.3	103	11.0	110	10.0	7.2	ppbv			
Heptane	10.7	107	12.1	121	10.0	12.3	ppbv			
1,2-Dichloropropane	8.8	88.1	10.4	104	10.0	16.6	ppbv			
Trichloroethene	8.4	83.7	8.7	86.7	10.0	3.5	ppbv			
Bromodichloromethane	9.8	97.8	10.5	105	10.0	6.9	ppbv			
1,4-Dioxane	8.8	87.7	9.1	91.2	10.0	3.9	ppbv			
Methylcyclohexane	9.3	93.1	10.5	105	10.0	12.3	ppbv			
cis-1,3-Dichloropropene	10.1	101	11.2	112	10.0	11.1	ppbv			
4-methyl-2-pentanone	10.3	103	12.5	125	10.0	19.6	ppbv			
trans-1,3-Dichloropropene	9.9	98.7	11.2	112	10.0	12.4	ppbv			
Toluene	8.7	86.9	9.5	95.2	10.0	9.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.0	80.1	9.0	89.8	10.0	11.4	ppbv			
2-Hexanone	10.4	104	13.4	134	10.0	25.2	ppbv		L5	R6
n-Octane	11.1	111	12.3	123	10.0	11.0	ppbv			
Dibromochloromethane	8.8	88.2	9.9	99.4	10.0	11.9	ppbv			
1,2-Dibromoethane	8.1	80.7	9.4	93.7	10.0	14.9	ppbv			
Tetrachloroethene	7.9	79.4	8.5	84.7	10.0	6.5	ppbv			
Chlorobenzene	8.0	80.1	8.3	82.8	10.0	3.3	ppbv			
Ethylbenzene	9.0	89.7	9.3	92.8	10.0	3.4	ppbv			
m&p-Xylene	18.2	91.2	18.0	90.0	20.0	1.3	ppbv			
Bromoform	9.4	94.2	9.3	92.8	10.0	1.5	ppbv			
Styrene	9.1	90.8	8.8	88.0	10.0	3.1	ppbv			
Nonane	11.8	118	12.1	121	10.0	2.3	ppbv			
o-Xylene	9.0	89.9	8.5	85.0	10.0	5.6	ppbv			
1,1,2,2-Tetrachloroethane	9.5	95.3	10.0	100	10.0	4.8	ppbv			
Isopropylbenzene	9.7	97.1	10.0	100	10.0	3.3	ppbv			
n-Propylbenzene	10.1	101	10.5	105	10.0	4.2	ppbv			
4-Ethyltoluene	10.5	105	10.7	107	10.0	2.5	ppbv			
1,3,5-Trimethylbenzene	9.9	98.7	10.2	102	10.0	2.9	ppbv			
Tert-Butyl Benzene	9.4	93.8	9.5	95.2	10.0	1.5	ppbv			
1,2,4-Trimethylbenzene	10.0	99.9	10.0	100	10.0	0.0	ppbv			
Sec-Butyl Benzene	9.9	98.5	10.2	102	10.0	3.0	ppbv			
1,3-Dichlorobenzene	8.7	86.7	8.8	87.7	10.0	1.1	ppbv			
Benzyl chloride	9.2	91.9	9.9	98.5	10.0	6.9	ppbv			
1,4-Dichlorobenzene	9.2	91.7	9.6	95.8	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.3	93.2	9.8	97.5	10.0	4.5	ppbv			
n-Butyl Benzene	10.3	103	11.2	112	10.0	8.8	ppbv			
1,2,4-Trichlorobenzene	10.4	104	11.0	110	10.0	6.0	ppbv			
Naphthalene	10.3	103	11.6	116	10.0	11.8	ppbv			
Hexachlorobutadiene	8.9	89.3	9.8	97.8	10.0	9.1	ppbv			
Surr: 4-Bromofluorobenzene	11.1	111	11.0	110			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N Tatum Blvd Ste. P186	Sampler: Matt Williams Phone: 7209349043	18B011
	Project Name: ~~SP0158~~ MW CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ, 85028	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	____ 5 working Day	I: indoor air
Total # of Containers:_____	____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2399	219	6 1 bag	1 2 5	SV-08-100-20180208	02-08-18		S	1	/									
02	1886	108	6 1 bag	1 2 5	SV-08-100-20180208 Dup	02-08-18		S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-08-18	1755	Matt Williams	Jami Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/9/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/9/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B012-01	SV-09-60-20180209	TO-15	2/9/2018	1314
18B012-02	SV-09-70-20180209	TO-15	2/9/2018	1449

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/09/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B012-01	SV-09-60-20180209	1816	1801-11	29.0	13.45	218	1712-05
18B012-02	SV-09-70-20180209	1860	1801-09	29.0	13.00	083	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-60-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**6.9**	**2.5**	**22**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**28**	**2.5**	**140**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-60-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	**24**	**2.5**	**96**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**77**	**5.0**	**270**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	< 10	10	< 35	35		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	< 5.0	5.0	< 23	23		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**11**	**2.5**	**41**	**9**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-70-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	**26**	**25**	**78**	**74**		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**3.9**	**2.5**	**12**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	**13**	**2.5**	**84**	**17**		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**126**	**2.5**	**614**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-70-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	**13**	**2.5**	**52**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**35**	**5.0**	**120**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	**12**	**10**	**43**	**35**		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	**9.6**	**5.0**	**45**	**23**		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**13**	**2.5**	**50**	**9.4**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	99.9	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180202-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	5/2/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N. Tatum Blvd. Ste. P186	Sampler: Matt Williams Phone: 720-934-9043	183012
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ, 85028	Project location: 2406 E Thomas Rd	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
_____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water		PID	DFA tracer cmpd. as TIC
01	1816	218	6 (1) bag	1 2 (5)	SV-09-60-20180209	02-09-18	1314	S	1	/								11.4	
02	1860	083	6 (1) bag	1 2 (5)	SV-09-70-20180209	02-09-18	1449	S	1	/								7.2	
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-09-18	1606	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B013-01	SV-09-90-20180210	TO-15	2/10/2018	0853
18B013-02	SV-09-80-20180209	TO-15	2/9/2018	1650

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/10/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B013-01	SV-09-90-20180210	1877	1801-08	29.0	13.23	036	1712-04
18B013-02	SV-09-80-20180209	1817	1801-09	29.0	11.76	080	1712-05

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-90-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**15**	**2.5**	**47**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**33**	**2.5**	**160**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-90-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**60**	**2.5**	**250**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**247**	**5.0**	**868**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	< 10	10	< 35	35		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	**30**	**5.0**	**140**	**23**		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**12**	**2.5**	**46**	**9.4**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-80-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	2/10/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	2/10/2018	78-93-3
2-Hexanone	< 100	100	< 410	410		20	2/10/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 240	240		20	2/10/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/10/2018	108-10-1
Acetone	< 100	100	< 240	240		20	2/10/2018	67-64-1
Allyl chloride	< 20	20	< 63	63		20	2/10/2018	107-05-1
Benzene	**26**	**10**	**84**	**32**		20	2/10/2018	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	2/10/2018	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	2/10/2018	593-60-2
Bromoform	< 10	10	< 100	100		20	2/10/2018	75-25-2
Bromomethane	< 10	10	< 39	39		20	2/10/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/10/2018	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	2/10/2018	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	2/10/2018	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	2/10/2018	108-90-7
Chloroethane	< 10	10	< 26	26		20	2/10/2018	75-00-3
Chloroform	**53**	**10**	**260**	**49**		20	2/10/2018	67-66-3
Chloromethane	< 20	20	< 41	41		20	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	2/10/2018	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	2/10/2018	76-14-2
Ethanol	< 100	100	< 190	190		20	2/10/2018	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	2/10/2018	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-80-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**92**	**10**	**380**	**41**		20	2/10/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	2/10/2018	87-68-3
Hexane	**397**	**20**	**1,400**	**70**		20	2/10/2018	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	2/10/2018	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	2/10/2018	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	2/10/2018	108-87-2
Methylene chloride	< 40	40	< 140	140		20	2/10/2018	75-09-2
Naphthalene	< 100	100	< 520	520		20	2/10/2018	91-20-3
Nonane	< 20	20	< 110	110		20	2/10/2018	111-84-2
Octane	**21**	**20**	**97**	**93**		20	2/10/2018	111-65-9
o-Xylene	< 10	10	< 43	43		20	2/10/2018	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	2/10/2018	115-07-1
Propylbenzene	< 20	20	< 98	98		20	2/10/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	135-98-8
Styrene	< 10	10	< 43	43		20	2/10/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	98-06-6
Tetrachloroethene	< 20	20	< 140	140		20	2/10/2018	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	2/10/2018	109-99-9
Toluene	**10**	**10**	**38**	**38**		20	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	2/10/2018	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	2/10/2018	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.7	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	100	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N Tatum Blvd. ste. P 186	Sampler: Matt Williams Phone: 720-934-9043	18B013
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ. 85028	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	_____ 24 Hours _____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	_____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	_____ 5 working Day	I: indoor air
Total # of Containers:_____	_____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	1877	036	6 (1) bag	1 2 (5)	SV-09-90-20180210	02-10-18	853	S	1	✓							29.5		
MW	~~E2283~~	~~129~~	~~6 (1) bag~~	~~1 2 (5)~~	~~SV-09-100-20180210~~	~~02-10-18~~		~~S~~	~~1~~	~~✓~~									
02	1817	080	6 (1) bag	1 2 (5)	SV-09-80-20180209	02-09-18	1650	S	1	✓							57.9		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-10-18	1018	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

Dear Client:

Airtech Environmental Laboratories received one (1) sample for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B014-01	SV-09-100-20180210	TO-15	2/10/2018	1035

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/10/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B014-01	SV-09-100-20180210	E2283	1801-02	29.0	13.53	129	1712-12

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-100-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	2/10/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/10/2018	78-93-3
2-Hexanone	< 100	100	< 410	410		20	2/10/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/10/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/10/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/10/2018	67-64-1
Allyl chloride	< 20	20	< 63	63		20	2/10/2018	107-05-1
Benzene	< 10	10	< 32	32		20	2/10/2018	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	2/10/2018	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	2/10/2018	593-60-2
Bromoform	< 10	10	< 100	100		20	2/10/2018	75-25-2
Bromomethane	< 10	10	< 39	39		20	2/10/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/10/2018	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	2/10/2018	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	2/10/2018	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	2/10/2018	108-90-7
Chloroethane	< 10	10	< 26	26		20	2/10/2018	75-00-3
Chloroform	**109**	**10**	**531**	**49**		20	2/10/2018	67-66-3
Chloromethane	< 20	20	< 41	41		20	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	2/10/2018	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	2/10/2018	76-14-2
Ethanol	< 100	100	< 188	188		20	2/10/2018	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	2/10/2018	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-100-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**41**	**10**	**170**	**41**		20	2/10/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	2/10/2018	87-68-3
Hexane	**255**	**20**	**898**	**70**		20	2/10/2018	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	2/10/2018	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	2/10/2018	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	2/10/2018	108-87-2
Methylene chloride	< 40	40	< 140	140		20	2/10/2018	75-09-2
Naphthalene	< 100	100	< 524	520		20	2/10/2018	91-20-3
Nonane	< 20	20	< 110	110		20	2/10/2018	111-84-2
Octane	**27**	**20**	**130**	**93**		20	2/10/2018	111-65-9
o-Xylene	< 10	10	< 43	43		20	2/10/2018	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	2/10/2018	115-07-1
Propylbenzene	< 20	20	< 98	98		20	2/10/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	135-98-8
Styrene	< 10	10	< 43	43		20	2/10/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	98-06-6
Tetrachloroethene	< 20	20	< 140	140		20	2/10/2018	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	2/10/2018	109-99-9
Toluene	< 10	10	< 38	38		20	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	2/10/2018	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	2/10/2018	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	100	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec
Address: 11811 N Tatum Blvd. Ste. P186
City, State, Zip: Phoenix, AZ, 85028
Contact: Brian McNamara
Phone: 602-513-5816 Fax:
E-Mail Address: bmcnamara@geosyntec.com

Page 1 of 1
Sampler: Matt Williams Phone: 7209349043
Project Name: CVS Project Number: SP0158
Project location: 2406 E Thomas Rd
P.O. Number:
Fax Results: Y N
E-Mail Results: Y N

AEL Lab #: 18B014

Sample Receipt
Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request
_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
_____ Standard 10 Working Days

Sample Type
SVE: soil vapor extraction GW: ground water
A: ambient air WW: waste water
I: indoor air
S: soil vapor
W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	E2283	129	6 (1) bag	1 2 (5)	SV-09-100-20180210	02-10-18	1035	S	1	✓							342		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-10-18	1057	[signature]	[signature]
2-10-18	1120	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

Dear Client:

Airtech Environmental Laboratories received three (3) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B004-01	SV-07-60-20180205	TO-15	2/5/2018	1647
18B004-02	SV-07-70-20180206	TO-15	2/6/2018	1014
18B004-03	SV-07-80-20180206	TO-15	2/6/2018	1225

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/06/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B004-01	SV-07-60-20180205	E2413	1801-07	29.0	13.04	056	1712-12
18B004-02	SV-07-70-20180206	E2369	1801-07	29.0	13.82	110	1712-12
18B004-03	SV-07-80-20180206	1797	1801-03	29.0	13.78	130	1712-12

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-60-20180205
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/5/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	2/6/2018	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	2/6/2018	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	2/6/2018	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	2/6/2018	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	2/6/2018	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	R6	200	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**100**	**100**	**466**	**466**		200	2/6/2018	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	2/6/2018	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5	200	2/6/2018	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	2/6/2018	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	2/6/2018	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	2/6/2018	67-64-1
Allyl chloride	< 200	200	< 626	626		200	2/6/2018	107-05-1
Benzene	**168**	**100**	**536**	**319**		200	2/6/2018	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	2/6/2018	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437	L5	200	2/6/2018	593-60-2
Bromoform	< 100	100	< 1,030	1,030		200	2/6/2018	75-25-2
Bromomethane	< 100	100	< 388	388		200	2/6/2018	74-83-9
Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	104-51-8
Carbon disulfide	< 400	400	< 1,240	1,240		200	2/6/2018	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	2/6/2018	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	2/6/2018	108-90-7
Chloroethane	< 100	100	< 264	264	L5	200	2/6/2018	75-00-3
Chloroform	< 100	100	< 488	488		200	2/6/2018	67-66-3
Chloromethane	< 200	200	< 414	414		200	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	2/6/2018	10061-01-5
Cyclohexane	**384**	**100**	**1,320**	**344**		200	2/6/2018	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	2/6/2018	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	L5	200	2/6/2018	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	2/6/2018	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-60-20180205
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/5/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**450**	**100**	**1,850**	**410**		200	2/6/2018	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	2/6/2018	87-68-3
Hexane	**2,110**	**200**	**7,430**	**704**		200	2/6/2018	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	2/6/2018	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	2/6/2018	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	2/6/2018	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	2/6/2018	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	2/6/2018	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	2/6/2018	111-84-2
Octane	< 200	200	< 934	934		200	2/6/2018	111-65-9
o-Xylene	< 100	100	< 434	434		200	2/6/2018	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	2/6/2018	115-07-1
Propylbenzene	< 200	200	< 984	984		200	2/6/2018	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	135-98-8
Styrene	< 100	100	< 426	426		200	2/6/2018	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	2/6/2018	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	2/6/2018	109-99-9
Toluene	< 100	100	< 377	377		200	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	2/6/2018	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	2/6/2018	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	2/6/2018	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	96.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-70-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 270	270		100	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 340	340		100	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 270	270		100	2/6/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 200	200		100	2/6/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 250	250		100	2/6/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 380	380		100	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 200	200		100	2/6/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 230	230		100	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 250	250		100	2/6/2018	108-67-8
1,3-Butadiene	< 50	50	< 110	110		100	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720	R6	100	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**267**	**50**	**1,240**	**230**		100	2/6/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/6/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5	100	2/6/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,230	1,230		100	2/6/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/6/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/6/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/6/2018	107-05-1
Benzene	**66**	**50**	**211**	**160**		100	2/6/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/6/2018	100-44-7
Bromodichloromethane	< 50	50	< 340	340		100	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 220	220	L5	100	2/6/2018	593-60-2
Bromoform	< 50	50	< 520	520		100	2/6/2018	75-25-2
Bromomethane	< 50	50	< 190	190		100	2/6/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/6/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/6/2018	75-15-0
Carbon tetrachloride	< 50	50	< 320	320		100	2/6/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/6/2018	108-90-7
Chloroethane	< 50	50	< 130	130	L5	100	2/6/2018	75-00-3
Chloroform	< 50	50	< 240	240		100	2/6/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 230	230		100	2/6/2018	10061-01-5
Cyclohexane	**440**	**50**	**1,510**	**170**		100	2/6/2018	110-82-7
Dibromochloromethane	< 50	50	< 430	430		100	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 500	500		100	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/6/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/6/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/6/2018	141-78-6
Ethylbenzene	< 50	50	< 220	220		100	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-70-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**300**	**50**	**1,230**	**210**		100	2/6/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,070	1,070		100	2/6/2018	87-68-3
Hexane	**1,330**	**100**	**4,680**	**352**		100	2/6/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/6/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/6/2018	1634-04-4
Methylcyclohexane	**358**	**100**	**1,440**	**402**		100	2/6/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/6/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/6/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/6/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/6/2018	111-65-9
o-Xylene	< 50	50	< 220	220		100	2/6/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/6/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/6/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/6/2018	135-98-8
Styrene	< 50	50	< 210	210		100	2/6/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/6/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/6/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/6/2018	109-99-9
Toluene	< 50	50	< 190	190		100	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 230	230		100	2/6/2018	10061-02-6
Trichloroethene	< 50	50	< 270	270		100	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 280	280		100	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 380	380		100	2/6/2018	76-13-1
Vinyl acetate	< 50	50	< 180	180		100	2/6/2018	108-05-4
Vinyl chloride	< 50	50	< 130	130		100	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	102	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-80-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**61,100**	**2,500**	**285,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**33,300**	**2,500**	**106,000**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**148,000**	**2,500**	**509,000**	**8,600**		5,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-80-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**41,600**	**2,500**	**171,000**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**365,000**	**20,000**	**1,280,000**	**70,400**		20,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**66,200**	**5,000**	**266,000**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.1	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/6/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/6/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/6/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/6/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/6/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/6/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/6/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/6/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/6/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/6/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/6/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/6/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/6/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/6/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/6/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/6/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/6/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/6/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/6/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/6/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/6/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/6/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/6/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/6/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/6/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/6/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/6/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/6/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/6/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/6/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/6/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/6/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/6/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/6/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/6/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.3	103	10.3	103	10.0	0.3	ppbv			
Dichlorodifluoromethane(F-12)	10.3	103	10.6	106	10.0	2.8	ppbv			
Chloromethane	11.5	115	11.7	117	10.0	1.6	ppbv			
Dichlorotetrafluoroethane(F-114)	10.2	102	10.3	103	10.0	1.1	ppbv			
Vinyl Chloride	8.5	84.9	8.1	80.9	10.0	4.8	ppbv			
1,3-Butadiene	12.1	121	11.5	115	10.0	5.3	ppbv			
Bromomethane	8.7	87	9.1	90.9	10.0	4.7	ppbv			
Chloroethane	13.3	133	12.5	125	10.0	6.0	ppbv	L5		
Ethanol	19.6	196	18.4	184	10.0	6.3	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	13.6	136	11.9	119	10.0	12.8	ppbv	L5		
Trichlorofluoromethane (F-11)	10.0	100	9.4	93.9	10.0	6.4	ppbv			
Acetone	10.5	105	9.3	93.2	10.0	11.5	ppbv			
Isopropyl Alcohol (2-Propanol)	11.3	113	10.4	104	10.0	7.7	ppbv			
1,1-Dichloroethene	10.7	107	10.2	102	10.0	5.2	ppbv			
Trichlorotrifluoroethane (F-113)	9.5	95.0	8.9	88.6	10.0	7.0	ppbv			
Methylene Chloride	11.2	112	10.3	103	10.0	9.1	ppbv			
Allyl Chloride	9.9	99	9.6	96.0	10.0	2.6	ppbv			
Carbon disulfide	10.0	100	9.3	93.3	10.0	7.3	ppbv			
trans-1,2-Dichloroethene	9.9	99	9.2	92.1	10.0	6.8	ppbv			
Methyl tert-butyl ether	11.1	111	10.7	107	10.0	3.8	ppbv			
1,1-Dichloroethane	10.3	103	9.8	98.0	10.0	4.9	ppbv			
Vinyl acetate	12.8	128	12.2	122	10.0	4.4	ppbv			
2-Butanone (MEK)	10.7	107	10.0	99.8	10.0	6.6	ppbv			
Hexane	12.3	123	11.2	112	10.0	9.5	ppbv			
cis-1,2-Dichloroethene	9.2	92	8.9	88.7	10.0	3.8	ppbv			
Ethyl Acetate	12.7	127	11.1	111	10.0	13.6	ppbv			
Chloroform	10.0	100	9.8	97.9	10.0	2.1	ppbv			
Tetrahydrofuran	11.7	117	11.4	114	10.0	2.7	ppbv			
1,1,1-Trichloroethane	10.1	101	9.7	97.3	10.0	3.3	ppbv			
1,2-Dichloroethane	11.0	110	10.5	105	10.0	4.9	ppbv			
Benzene	10.3	103	9.1	91.3	10.0	11.7	ppbv			
Carbon tetrachloride	10.2	102	9.7	97.4	10.0	4.8	ppbv			
Cyclohexane	12.0	120	10.9	109	10.0	9.2	ppbv			
2,2,4-Trimethylpentane	11.4	114	10.5	105	10.0	7.6	ppbv			
Heptane	12.1	121	11.4	114	10.0	5.9	ppbv			
1,2-Dichloropropane	10.7	107	9.5	95.1	10.0	11.8	ppbv			
Trichloroethene	9.1	90.8	8.3	83.1	10.0	8.9	ppbv			
Bromodichloromethane	10.8	108	10.1	101	10.0	6.8	ppbv			
1,4-Dioxane	11.4	114	8.3	82.8	10.0	31.6	ppbv			R6
Methylcyclohexane	10.9	109	9.9	98.8	10.0	9.5	ppbv			
cis-1,3-Dichloropropene	11.3	113	10.5	105	10.0	8.0	ppbv			
4-methyl-2-pentanone	12.6	126	11.2	112	10.0	11.7	ppbv			
trans-1,3-Dichloropropene	11.6	116	10.6	106	10.0	9.3	ppbv			
Toluene	10.3	103	9.1	90.8	10.0	12.3	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.4	94.1	8.3	83.3	10.0	12.2	ppbv			
2-Hexanone	13.9	139	12.2	122	10.0	13.1	ppbv	L5		
n-Octane	12.9	129	12.2	122	10.0	5.7	ppbv			
Dibromochloromethane	10.5	105	9.5	95.4	10.0	9.6	ppbv			
1,2-Dibromoethane	9.7	96.7	9.1	90.9	10.0	6.2	ppbv			
Tetrachloroethene	9.1	90.8	8.2	82.2	10.0	9.9	ppbv			
Chlorobenzene	8.8	88.0	8.0	80.0	10.0	9.5	ppbv			
Ethylbenzene	9.5	95.3	8.9	88.7	10.0	7.2	ppbv			
m&p-Xylene	18.8	94.1	17.6	87.9	20.0	6.9	ppbv			
Bromoform	9.5	95.4	9.1	91.4	10.0	4.3	ppbv			
Styrene	9.4	94.2	8.9	89.1	10.0	5.6	ppbv			
Nonane	12.0	120	11.4	114	10.0	4.8	ppbv			
o-Xylene	8.9	88.7	8.4	83.7	10.0	5.8	ppbv			
1,1,2,2-Tetrachloroethane	10.1	101	9.4	93.9	10.0	7.0	ppbv			
Isopropylbenzene	10.5	105	10.1	101	10.0	4.0	ppbv			
n-Propylbenzene	10.8	108	10.6	106	10.0	2.7	ppbv			
4-Ethyltoluene	11.1	111	10.9	109	10.0	2.3	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.3	103	10.0	0.7	ppbv			
Tert-Butyl Benzene	9.8	97.5	9.7	96.9	10.0	0.6	ppbv			
1,2,4-Trimethylbenzene	10.1	101	9.9	99.4	10.0	1.4	ppbv			
Sec-Butyl Benzene	10.3	103	10.4	104	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.0	89.5	8.9	88.8	10.0	0.8	ppbv			
Benzyl chloride	9.8	97.5	10.0	100	10.0	2.7	ppbv			
1,4-Dichlorobenzene	9.4	94.4	9.8	97.9	10.0	3.6	ppbv			
1,2-Dichlorobenzene	9.7	97.1	10.0	100	10.0	2.8	ppbv			
n-Butyl Benzene	10.7	107	11.1	111	10.0	3.7	ppbv			
1,2,4-Trichlorobenzene	11.2	112	11.6	116	10.0	3.5	ppbv			
Naphthalene	9.6	95.5	10.3	103	10.0	7.9	ppbv			
Hexachlorobutadiene	9.7	97.3	9.8	98.4	10.0	1.1	ppbv			
Surr: 4-Bromofluorobenzene	10.7	107	11.9	119			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180130-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/30/2018

Airtech Environmental Laboratories (AEL) — Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1		AEL Lab #
Address: 4811 N. JATUM BLVD.	Sampler: MATT WILLIAMS	Phone: 720-934-9045	18B004
STE. P-186	Project Name: CVS	Project Number: SP0158	
City, State, Zip: PHOENIX, AZ 85028	Project location: 2406 E. THOMAS		
Contact: BRIAN MCNAMARA	P.O. Number:		
Phone: / Fax:	Fax Results: Y N		
E-Mail Address: BMcNamara@geosyntec.com	E-Mail Results: (Y) N		

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

✓ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

PID	AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
97.0	01	E2413	056	6 (1) bag	1 2 (5)	SV-07-60-20180205	2-5-18	1647	S	1	✓									
81.7	02	E2369	110	6 (1) bag	1 2 (5)	SV-07-70-20180206	2-6-18	1014	S	1	✓									
523	03	1797	130	6 (1) bag	1 2 (5)	SV-07-80-20180206	2-6-18	1225	S	1	✓									
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
2/6/18	1240	[signature]	[signature]
2/6/18	~~1240~~ 1240	[signature] MIKE MNENKH	[signature] James Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B005-01	SV-07-90-20180206	TO-15	2/6/2018	1226
18B005-02	SV-07-100-20180206	TO-15	2/6/2018	1605

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/06/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B005-01	SV-07-90-20180206	1872	1801-09	29.0	9.15	128	1712-12
18B005-02	SV-07-100-20180206	E2352	1712-04	29.0	13.80	127	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-90-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**54,300**	**2,500**	**253,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**4,450**	**2,500**	**14,200**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**117,000**	**2,500**	**402,000**	**8,600**		5,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-90-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**6,400**	**2,500**	**26,200**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**235,000**	**5,000**	**827,000**	**17,600**		5,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**23,600**	**5,000**	**94,900**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-100-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**150,000**	**2,500**	**699,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**3,400**	**2,500**	**10,800**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**349,000**	**10,000**	**1,200,000**	**34,400**		20,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-100-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**38,200**	**2,500**	**157,000**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**614,000**	**20,000**	**2,160,000**	**70,400**		20,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**124,000**	**5,000**	**498,000**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/6/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/6/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/6/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/6/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/6/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/6/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/6/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/6/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/6/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/6/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/6/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/6/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/6/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/6/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/6/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/6/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/6/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/6/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/6/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/6/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/6/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/6/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/6/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/6/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/6/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/6/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/6/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/6/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/6/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/6/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/6/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/6/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/6/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/6/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/6/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.3	103	10.3	103	10.0	0.3	ppbv			
Dichlorodifluoromethane(F-12)	10.3	103	10.6	106	10.0	2.8	ppbv			
Chloromethane	11.5	115	11.7	117	10.0	1.6	ppbv			
Dichlorotetrafluoroethane(F-114)	10.2	102	10.3	103	10.0	1.1	ppbv			
Vinyl Chloride	8.5	84.9	8.1	80.9	10.0	4.8	ppbv			
1,3-Butadiene	12.1	121	11.5	115	10.0	5.3	ppbv			
Bromomethane	8.7	87	9.1	90.9	10.0	4.7	ppbv			
Chloroethane	13.3	133	12.5	125	10.0	6.0	ppbv	L5		
Ethanol	19.6	196	18.4	184	10.0	6.3	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	13.6	136	11.9	119	10.0	12.8	ppbv	L5		
Trichlorofluoromethane (F-11)	10.0	100	9.4	93.9	10.0	6.4	ppbv			
Acetone	10.5	105	9.3	93.2	10.0	11.5	ppbv			
Isopropyl Alcohol (2-Propanol)	11.3	113	10.4	104	10.0	7.7	ppbv			
1,1-Dichloroethene	10.7	107	10.2	102	10.0	5.2	ppbv			
Trichlorotrifluoroethane (F-113)	9.5	95.0	8.9	88.6	10.0	7.0	ppbv			
Methylene Chloride	11.2	112	10.3	103	10.0	9.1	ppbv			
Allyl Chloride	9.9	99	9.6	96.0	10.0	2.6	ppbv			
Carbon disulfide	10.0	100	9.3	93.3	10.0	7.3	ppbv			
trans-1,2-Dichloroethene	9.9	99	9.2	92.1	10.0	6.8	ppbv			
Methyl tert-butyl ether	11.1	111	10.7	107	10.0	3.8	ppbv			
1,1-Dichloroethane	10.3	103	9.8	98.0	10.0	4.9	ppbv			
Vinyl acetate	12.8	128	12.2	122	10.0	4.4	ppbv			
2-Butanone (MEK)	10.7	107	10.0	99.8	10.0	6.6	ppbv			
Hexane	12.3	123	11.2	112	10.0	9.5	ppbv			
cis-1,2-Dichloroethene	9.2	92	8.9	88.7	10.0	3.8	ppbv			
Ethyl Acetate	12.7	127	11.1	111	10.0	13.6	ppbv			
Chloroform	10.0	100	9.8	97.9	10.0	2.1	ppbv			
Tetrahydrofuran	11.7	117	11.4	114	10.0	2.7	ppbv			
1,1,1-Trichloroethane	10.1	101	9.7	97.3	10.0	3.3	ppbv			
1,2-Dichloroethane	11.0	110	10.5	105	10.0	4.9	ppbv			
Benzene	10.3	103	9.1	91.3	10.0	11.7	ppbv			
Carbon tetrachloride	10.2	102	9.7	97.4	10.0	4.8	ppbv			
Cyclohexane	12.0	120	10.9	109	10.0	9.2	ppbv			
2,2,4-Trimethylpentane	11.4	114	10.5	105	10.0	7.6	ppbv			
Heptane	12.1	121	11.4	114	10.0	5.9	ppbv			
1,2-Dichloropropane	10.7	107	9.5	95.1	10.0	11.8	ppbv			
Trichloroethene	9.1	90.8	8.3	83.1	10.0	8.9	ppbv			
Bromodichloromethane	10.8	108	10.1	101	10.0	6.8	ppbv			
1,4-Dioxane	11.4	114	8.3	82.8	10.0	31.6	ppbv			R6
Methylcyclohexane	10.9	109	9.9	98.8	10.0	9.5	ppbv			
cis-1,3-Dichloropropene	11.3	113	10.5	105	10.0	8.0	ppbv			
4-methyl-2-pentanone	12.6	126	11.2	112	10.0	11.7	ppbv			
trans-1,3-Dichloropropene	11.6	116	10.6	106	10.0	9.3	ppbv			
Toluene	10.3	103	9.1	90.8	10.0	12.3	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.4	94.1	8.3	83.3	10.0	12.2	ppbv			
2-Hexanone	13.9	139	12.2	122	10.0	13.1	ppbv	L5		
n-Octane	12.9	129	12.2	122	10.0	5.7	ppbv			
Dibromochloromethane	10.5	105	9.5	95.4	10.0	9.6	ppbv			
1,2-Dibromoethane	9.7	96.7	9.1	90.9	10.0	6.2	ppbv			
Tetrachloroethene	9.1	90.8	8.2	82.2	10.0	9.9	ppbv			
Chlorobenzene	8.8	88.0	8.0	80.0	10.0	9.5	ppbv			
Ethylbenzene	9.5	95.3	8.9	88.7	10.0	7.2	ppbv			
m&p-Xylene	18.8	94.1	17.6	87.9	20.0	6.9	ppbv			
Bromoform	9.5	95.4	9.1	91.4	10.0	4.3	ppbv			
Styrene	9.4	94.2	8.9	89.1	10.0	5.6	ppbv			
Nonane	12.0	120	11.4	114	10.0	4.8	ppbv			
o-Xylene	8.9	88.7	8.4	83.7	10.0	5.8	ppbv			
1,1,2,2-Tetrachloroethane	10.1	101	9.4	93.9	10.0	7.0	ppbv			
Isopropylbenzene	10.5	105	10.1	101	10.0	4.0	ppbv			
n-Propylbenzene	10.8	108	10.6	106	10.0	2.7	ppbv			
4-Ethyltoluene	11.1	111	10.9	109	10.0	2.3	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.3	103	10.0	0.7	ppbv			
Tert-Butyl Benzene	9.8	97.5	9.7	96.9	10.0	0.6	ppbv			
1,2,4-Trimethylbenzene	10.1	101	9.9	99.4	10.0	1.4	ppbv			
Sec-Butyl Benzene	10.3	103	10.4	104	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.0	89.5	8.9	88.8	10.0	0.8	ppbv			
Benzyl chloride	9.8	97.5	10.0	100	10.0	2.7	ppbv			
1,4-Dichlorobenzene	9.4	94.4	9.8	97.9	10.0	3.6	ppbv			
1,2-Dichlorobenzene	9.7	97.1	10.0	100	10.0	2.8	ppbv			
n-Butyl Benzene	10.7	107	11.1	111	10.0	3.7	ppbv			
1,2,4-Trichlorobenzene	11.2	112	11.6	116	10.0	3.5	ppbv			
Naphthalene	9.6	95.5	10.3	103	10.0	7.9	ppbv			
Hexachlorobutadiene	9.7	97.3	9.8	98.4	10.0	1.1	ppbv			
Surr: 4-Bromofluorobenzene	10.7	107	11.9	119			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180130-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/30/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N. Tatum Blvd, Sot 182	Sampler: Matt Williams Phone:	18B005
	Project Name: CVS Project Number: 5P0158	
City, State, Zip: Phoenix, AZ	Project location:	
Contact: Brian McNamara	P.O. Number:	
Phone: Fax:	Fax Results: Y N	
E-Mail Address: b'	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	X 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	____ 5 working Day	I: indoor air
Total # of Containers:_____	____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	1872	128	6 (1) bag	1 2 (5)	SV-07-90-20180206	02-06-18	1226	S	1	✓									
02	E2352	127	6 (1) bag	1 2 (5)	SV-07-100-20180206	02-06-18	1605	S	1	✓									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-06-18	506	[illegible]	James Jon - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

Dear Client:

Airtech Environmental Laboratories received three (3) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B004-01	SV-07-60-20180205	TO-15	2/5/2018	1647
18B004-02	SV-07-70-20180206	TO-15	2/6/2018	1014
18B004-03	SV-07-80-20180206	TO-15	2/6/2018	1225

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B004
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/06/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B004-01	SV-07-60-20180205	E2413	1801-07	29.0	13.04	056	1712-12
18B004-02	SV-07-70-20180206	E2369	1801-07	29.0	13.82	110	1712-12
18B004-03	SV-07-80-20180206	1797	1801-03	29.0	13.78	130	1712-12

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-60-20180205
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/5/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	2/6/2018	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	2/6/2018	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 100	100	< 492	492		200	2/6/2018	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	2/6/2018	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 100	100	< 492	492		200	2/6/2018	108-67-8
1,3-Butadiene	< 100	100	< 221	221		200	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 100	100	< 601	601		200	2/6/2018	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440	R6	200	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**100**	**100**	**466**	**466**		200	2/6/2018	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	2/6/2018	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100	L5	200	2/6/2018	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	2/6/2018	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	2/6/2018	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	2/6/2018	67-64-1
Allyl chloride	< 200	200	< 626	626		200	2/6/2018	107-05-1
Benzene	**168**	**100**	**536**	**319**		200	2/6/2018	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	2/6/2018	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437	L5	200	2/6/2018	593-60-2
Bromoform	< 100	100	< 1,030	1,030		200	2/6/2018	75-25-2
Bromomethane	< 100	100	< 388	388		200	2/6/2018	74-83-9
Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	104-51-8
Carbon disulfide	< 400	400	< 1,240	1,240		200	2/6/2018	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	2/6/2018	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	2/6/2018	108-90-7
Chloroethane	< 100	100	< 264	264	L5	200	2/6/2018	75-00-3
Chloroform	< 100	100	< 488	488		200	2/6/2018	67-66-3
Chloromethane	< 200	200	< 414	414		200	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	2/6/2018	10061-01-5
Cyclohexane	**384**	**100**	**1,320**	**344**		200	2/6/2018	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	2/6/2018	76-14-2
Ethanol	< 1,000	1,000	< 1,880	1,880	L5	200	2/6/2018	64-17-5
Ethyl Acetate	< 100	100	< 360	360		200	2/6/2018	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-60-20180205
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/5/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**450**	**100**	**1,850**	**410**		200	2/6/2018	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	2/6/2018	87-68-3
Hexane	**2,110**	**200**	**7,430**	**704**		200	2/6/2018	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	2/6/2018	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	2/6/2018	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	2/6/2018	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	2/6/2018	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	2/6/2018	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	2/6/2018	111-84-2
Octane	< 200	200	< 934	934		200	2/6/2018	111-65-9
o-Xylene	< 100	100	< 434	434		200	2/6/2018	95-47-6
Propene (Propylene)	< 200	200	< 344	344		200	2/6/2018	115-07-1
Propylbenzene	< 200	200	< 984	984		200	2/6/2018	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	135-98-8
Styrene	< 100	100	< 426	426		200	2/6/2018	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	2/6/2018	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	2/6/2018	127-18-4
Tetrahydrofuran	< 400	400	< 1,180	1,180		200	2/6/2018	109-99-9
Toluene	< 100	100	< 377	377		200	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	2/6/2018	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	2/6/2018	76-13-1
Vinyl acetate	< 100	100	< 352	352		200	2/6/2018	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	96.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-70-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 270	270		100	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 340	340		100	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 270	270		100	2/6/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 200	200		100	2/6/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 250	250		100	2/6/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 380	380		100	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 200	200		100	2/6/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 230	230		100	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 250	250		100	2/6/2018	108-67-8
1,3-Butadiene	< 50	50	< 110	110		100	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 300	300		100	2/6/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720	R6	100	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**267**	**50**	**1,240**	**230**		100	2/6/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/6/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5	100	2/6/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,230	1,230		100	2/6/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/6/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/6/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/6/2018	107-05-1
Benzene	**66**	**50**	**211**	**160**		100	2/6/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/6/2018	100-44-7
Bromodichloromethane	< 50	50	< 340	340		100	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 220	220	L5	100	2/6/2018	593-60-2
Bromoform	< 50	50	< 520	520		100	2/6/2018	75-25-2
Bromomethane	< 50	50	< 190	190		100	2/6/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/6/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/6/2018	75-15-0
Carbon tetrachloride	< 50	50	< 320	320		100	2/6/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/6/2018	108-90-7
Chloroethane	< 50	50	< 130	130	L5	100	2/6/2018	75-00-3
Chloroform	< 50	50	< 240	240		100	2/6/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 230	230		100	2/6/2018	10061-01-5
Cyclohexane	**440**	**50**	**1,510**	**170**		100	2/6/2018	110-82-7
Dibromochloromethane	< 50	50	< 430	430		100	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 500	500		100	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/6/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/6/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/6/2018	141-78-6
Ethylbenzene	< 50	50	< 220	220		100	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-70-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**300**	**50**	**1,230**	**210**		100	2/6/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,070	1,070		100	2/6/2018	87-68-3
Hexane	**1,330**	**100**	**4,680**	**352**		100	2/6/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/6/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/6/2018	1634-04-4
Methylcyclohexane	**358**	**100**	**1,440**	**402**		100	2/6/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/6/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/6/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/6/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/6/2018	111-65-9
o-Xylene	< 50	50	< 220	220		100	2/6/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/6/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/6/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/6/2018	135-98-8
Styrene	< 50	50	< 210	210		100	2/6/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/6/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/6/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/6/2018	109-99-9
Toluene	< 50	50	< 190	190		100	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 200	200		100	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 230	230		100	2/6/2018	10061-02-6
Trichloroethene	< 50	50	< 270	270		100	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 280	280		100	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 380	380		100	2/6/2018	76-13-1
Vinyl acetate	< 50	50	< 180	180		100	2/6/2018	108-05-4
Vinyl chloride	< 50	50	< 130	130		100	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	102	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-80-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**61,100**	**2,500**	**285,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**33,300**	**2,500**	**106,000**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**148,000**	**2,500**	**509,000**	**8,600**		5,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-80-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	2/6/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**41,600**	**2,500**	**171,000**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**365,000**	**20,000**	**1,280,000**	**70,400**		20,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**66,200**	**5,000**	**266,000**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.1	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/6/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/6/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/6/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/6/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/6/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/6/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/6/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/6/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/6/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/6/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/6/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/6/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/6/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/6/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/6/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/6/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/6/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/6/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/6/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/6/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/6/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/6/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/6/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/6/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/6/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/6/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/6/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/6/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/6/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/6/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/6/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/6/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/6/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/6/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/6/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.3	103	10.3	103	10.0	0.3	ppbv			
Dichlorodifluoromethane(F-12)	10.3	103	10.6	106	10.0	2.8	ppbv			
Chloromethane	11.5	115	11.7	117	10.0	1.6	ppbv			
Dichlorotetrafluoroethane(F-114)	10.2	102	10.3	103	10.0	1.1	ppbv			
Vinyl Chloride	8.5	84.9	8.1	80.9	10.0	4.8	ppbv			
1,3-Butadiene	12.1	121	11.5	115	10.0	5.3	ppbv			
Bromomethane	8.7	87	9.1	90.9	10.0	4.7	ppbv			
Chloroethane	13.3	133	12.5	125	10.0	6.0	ppbv	L5		
Ethanol	19.6	196	18.4	184	10.0	6.3	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	13.6	136	11.9	119	10.0	12.8	ppbv	L5		
Trichlorofluoromethane (F-11)	10.0	100	9.4	93.9	10.0	6.4	ppbv			
Acetone	10.5	105	9.3	93.2	10.0	11.5	ppbv			
Isopropyl Alcohol (2-Propanol)	11.3	113	10.4	104	10.0	7.7	ppbv			
1,1-Dichloroethene	10.7	107	10.2	102	10.0	5.2	ppbv			
Trichlorotrifluoroethane (F-113)	9.5	95.0	8.9	88.6	10.0	7.0	ppbv			
Methylene Chloride	11.2	112	10.3	103	10.0	9.1	ppbv			
Allyl Chloride	9.9	99	9.6	96.0	10.0	2.6	ppbv			
Carbon disulfide	10.0	100	9.3	93.3	10.0	7.3	ppbv			
trans-1,2-Dichloroethene	9.9	99	9.2	92.1	10.0	6.8	ppbv			
Methyl tert-butyl ether	11.1	111	10.7	107	10.0	3.8	ppbv			
1,1-Dichloroethane	10.3	103	9.8	98.0	10.0	4.9	ppbv			
Vinyl acetate	12.8	128	12.2	122	10.0	4.4	ppbv			
2-Butanone (MEK)	10.7	107	10.0	99.8	10.0	6.6	ppbv			
Hexane	12.3	123	11.2	112	10.0	9.5	ppbv			
cis-1,2-Dichloroethene	9.2	92	8.9	88.7	10.0	3.8	ppbv			
Ethyl Acetate	12.7	127	11.1	111	10.0	13.6	ppbv			
Chloroform	10.0	100	9.8	97.9	10.0	2.1	ppbv			
Tetrahydrofuran	11.7	117	11.4	114	10.0	2.7	ppbv			
1,1,1-Trichloroethane	10.1	101	9.7	97.3	10.0	3.3	ppbv			
1,2-Dichloroethane	11.0	110	10.5	105	10.0	4.9	ppbv			
Benzene	10.3	103	9.1	91.3	10.0	11.7	ppbv			
Carbon tetrachloride	10.2	102	9.7	97.4	10.0	4.8	ppbv			
Cyclohexane	12.0	120	10.9	109	10.0	9.2	ppbv			
2,2,4-Trimethylpentane	11.4	114	10.5	105	10.0	7.6	ppbv			
Heptane	12.1	121	11.4	114	10.0	5.9	ppbv			
1,2-Dichloropropane	10.7	107	9.5	95.1	10.0	11.8	ppbv			
Trichloroethene	9.1	90.8	8.3	83.1	10.0	8.9	ppbv			
Bromodichloromethane	10.8	108	10.1	101	10.0	6.8	ppbv			
1,4-Dioxane	11.4	114	8.3	82.8	10.0	31.6	ppbv			R6
Methylcyclohexane	10.9	109	9.9	98.8	10.0	9.5	ppbv			
cis-1,3-Dichloropropene	11.3	113	10.5	105	10.0	8.0	ppbv			
4-methyl-2-pentanone	12.6	126	11.2	112	10.0	11.7	ppbv			
trans-1,3-Dichloropropene	11.6	116	10.6	106	10.0	9.3	ppbv			
Toluene	10.3	103	9.1	90.8	10.0	12.3	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.4	94.1	8.3	83.3	10.0	12.2	ppbv			
2-Hexanone	13.9	139	12.2	122	10.0	13.1	ppbv	L5		
n-Octane	12.9	129	12.2	122	10.0	5.7	ppbv			
Dibromochloromethane	10.5	105	9.5	95.4	10.0	9.6	ppbv			
1,2-Dibromoethane	9.7	96.7	9.1	90.9	10.0	6.2	ppbv			
Tetrachloroethene	9.1	90.8	8.2	82.2	10.0	9.9	ppbv			
Chlorobenzene	8.8	88.0	8.0	80.0	10.0	9.5	ppbv			
Ethylbenzene	9.5	95.3	8.9	88.7	10.0	7.2	ppbv			
m&p-Xylene	18.8	94.1	17.6	87.9	20.0	6.9	ppbv			
Bromoform	9.5	95.4	9.1	91.4	10.0	4.3	ppbv			
Styrene	9.4	94.2	8.9	89.1	10.0	5.6	ppbv			
Nonane	12.0	120	11.4	114	10.0	4.8	ppbv			
o-Xylene	8.9	88.7	8.4	83.7	10.0	5.8	ppbv			
1,1,2,2-Tetrachloroethane	10.1	101	9.4	93.9	10.0	7.0	ppbv			
Isopropylbenzene	10.5	105	10.1	101	10.0	4.0	ppbv			
n-Propylbenzene	10.8	108	10.6	106	10.0	2.7	ppbv			
4-Ethyltoluene	11.1	111	10.9	109	10.0	2.3	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.3	103	10.0	0.7	ppbv			
Tert-Butyl Benzene	9.8	97.5	9.7	96.9	10.0	0.6	ppbv			
1,2,4-Trimethylbenzene	10.1	101	9.9	99.4	10.0	1.4	ppbv			
Sec-Butyl Benzene	10.3	103	10.4	104	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.0	89.5	8.9	88.8	10.0	0.8	ppbv			
Benzyl chloride	9.8	97.5	10.0	100	10.0	2.7	ppbv			
1,4-Dichlorobenzene	9.4	94.4	9.8	97.9	10.0	3.6	ppbv			
1,2-Dichlorobenzene	9.7	97.1	10.0	100	10.0	2.8	ppbv			
n-Butyl Benzene	10.7	107	11.1	111	10.0	3.7	ppbv			
1,2,4-Trichlorobenzene	11.2	112	11.6	116	10.0	3.5	ppbv			
Naphthalene	9.6	95.5	10.3	103	10.0	7.9	ppbv			
Hexachlorobutadiene	9.7	97.3	9.8	98.4	10.0	1.1	ppbv			
Surr: 4-Bromofluorobenzene	10.7	107	11.9	119			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B004	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180130-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/30/2018

Airtech Environmental Laboratories (AEL) — Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: GEOSYNTEC	Page 1 of 1		AEL Lab #
Address: 4811 N. JATUM BLVD.	Sampler: MATT WILLIAMS	Phone: 720-934-9045	18B004
STE. P-186	Project Name: CVS	Project Number: SP0158	
City, State, Zip: PHOENIX, AZ 85028	Project location: 2406 E. THOMAS		
Contact: BRIAN MCNAMARA	P.O. Number:		
Phone: / Fax:	Fax Results: Y N		
E-Mail Address: BMcNamara@geosyntec.com	E-Mail Results: (Y) N		

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

✓ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

PID	AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
97.0	01	E2413	056	6 (1) bag	1 2 (5)	SV-07-60-20180205	2-5-18	1647	S	1	✓									
81.7	02	E2369	110	6 (1) bag	1 2 (5)	SV-07-70-20180206	2-6-18	1014	S	1	✓									
523	03	1797	130	6 (1) bag	1 2 (5)	SV-07-80-20180206	2-6-18	1225	S	1	✓									
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															
				6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
2/6/18	1240	[signature]	[signature]
2/6/18	~~1240~~ 1240	[signature] MIKE MNENKH	[signature] James Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/6/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B005-01	SV-07-90-20180206	TO-15	2/6/2018	1226
18B005-02	SV-07-100-20180206	TO-15	2/6/2018	1605

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 7, 2018

Client:	Brian McNamara	Work Order #:	18B005
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/06/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B005-01	SV-07-90-20180206	1872	1801-09	29.0	9.15	128	1712-12
18B005-02	SV-07-100-20180206	E2352	1712-04	29.0	13.80	127	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-90-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**54,300**	**2,500**	**253,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**4,450**	**2,500**	**14,200**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**117,000**	**2,500**	**402,000**	**8,600**		5,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-90-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**6,400**	**2,500**	**26,200**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**235,000**	**5,000**	**827,000**	**17,600**		5,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**23,600**	**5,000**	**94,900**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-100-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2,500	2,500	< 17,200	17,200		5,000	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 2,500	2,500	< 13,700	13,700		5,000	2/6/2018	79-00-5
1,1-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	75-34-3
1,1-Dichloroethene	< 2,500	2,500	< 9,930	9,930		5,000	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 10,000	10,000	< 74,200	74,200		5,000	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	95-63-6
1,2-Dibromoethane	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	95-50-1
1,2-Dichloroethane	< 2,500	2,500	< 10,100	10,100		5,000	2/6/2018	107-06-2
1,2-Dichloropropane	< 2,500	2,500	< 11,600	11,600		5,000	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 2,500	2,500	< 12,300	12,300		5,000	2/6/2018	108-67-8
1,3-Butadiene	< 2,500	2,500	< 5,530	5,530		5,000	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 2,500	2,500	< 15,000	15,000		5,000	2/6/2018	106-46-7
1,4-Dioxane	< 10,000	10,000	< 36,000	36,000	R6	5,000	2/6/2018	123-91-1
2,2,4-Trimethylpentane	**150,000**	**2,500**	**699,000**	**11,700**		5,000	2/6/2018	540-84-1
2-Butanone (MEK)	< 25,000	25,000	< 73,800	73,800		5,000	2/6/2018	78-93-3
2-Hexanone	< 25,000	25,000	< 103,000	103,000	L5	5,000	2/6/2018	591-78-6
2-Propanol (IPA)	< 25,000	25,000	< 61,300	61,300		5,000	2/6/2018	67-63-0
4-Ethyltoluene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25,000	25,000	< 103,000	103,000		5,000	2/6/2018	108-10-1
Acetone	< 25,000	25,000	< 59,500	59,500		5,000	2/6/2018	67-64-1
Allyl chloride	< 5,000	5,000	< 15,700	15,700		5,000	2/6/2018	107-05-1
Benzene	**3,400**	**2,500**	**10,800**	**7,980**		5,000	2/6/2018	71-43-2
Benzyl chloride	< 10,000	10,000	< 51,800	51,800		5,000	2/6/2018	100-44-7
Bromodichloromethane	< 2,500	2,500	< 16,800	16,800		5,000	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2,500	2,500	< 10,900	10,900	L5	5,000	2/6/2018	593-60-2
Bromoform	< 2,500	2,500	< 25,900	25,900		5,000	2/6/2018	75-25-2
Bromomethane	< 2,500	2,500	< 9,700	9,700		5,000	2/6/2018	74-83-9
Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		5,000	2/6/2018	75-15-0
Carbon tetrachloride	< 2,500	2,500	< 15,700	15,700		5,000	2/6/2018	56-23-5
Chlorobenzene	< 2,500	2,500	< 11,500	11,500		5,000	2/6/2018	108-90-7
Chloroethane	< 2,500	2,500	< 6,600	6,600	L5	5,000	2/6/2018	75-00-3
Chloroform	< 2,500	2,500	< 12,200	12,200		5,000	2/6/2018	67-66-3
Chloromethane	< 5,000	5,000	< 10,400	10,400		5,000	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-01-5
Cyclohexane	**349,000**	**10,000**	**1,200,000**	**34,400**		20,000	2/6/2018	110-82-7
Dibromochloromethane	< 2,500	2,500	< 21,300	21,300		5,000	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5,000	5,000	< 24,800	24,800		5,000	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,500	2,500	< 17,500	17,500		5,000	2/6/2018	76-14-2
Ethanol	< 25,000	25,000	< 47,000	47,000	L5	5,000	2/6/2018	64-17-5
Ethyl Acetate	< 2,500	2,500	< 9,000	9,000		5,000	2/6/2018	141-78-6
Ethylbenzene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-07-100-20180206
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	2/6/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**38,200**	**2,500**	**157,000**	**10,300**		5,000	2/6/2018	142-82-5
Hexachlorobutadiene	< 5,000	5,000	< 53,400	53,400		5,000	2/6/2018	87-68-3
Hexane	**614,000**	**20,000**	**2,160,000**	**70,400**		20,000	2/6/2018	110-54-3
Isopropylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	98-82-8
m&p-Xylene	< 5,000	5,000	< 21,700	21,700		5,000	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 10,000	10,000	< 36,100	36,100		5,000	2/6/2018	1634-04-4
Methylcyclohexane	**124,000**	**5,000**	**498,000**	**20,100**		5,000	2/6/2018	108-87-2
Methylene chloride	< 10,000	10,000	< 34,700	34,700		5,000	2/6/2018	75-09-2
Naphthalene	< 25,000	25,000	< 131,000	131,000		5,000	2/6/2018	91-20-3
Nonane	< 5,000	5,000	< 26,200	26,200		5,000	2/6/2018	111-84-2
Octane	< 5,000	5,000	< 23,400	23,400		5,000	2/6/2018	111-65-9
o-Xylene	< 2,500	2,500	< 10,900	10,900		5,000	2/6/2018	95-47-6
Propene (Propylene)	< 5,000	5,000	< 8,600	8,600		5,000	2/6/2018	115-07-1
Propylbenzene	< 5,000	5,000	< 24,600	24,600		5,000	2/6/2018	103-65-1
Sec-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	135-98-8
Styrene	< 2,500	2,500	< 10,700	10,700		5,000	2/6/2018	100-42-5
Tert-Butyl benzene	< 5,000	5,000	< 27,500	27,500		5,000	2/6/2018	98-06-6
Tetrachloroethene	< 5,000	5,000	< 33,900	33,900		5,000	2/6/2018	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		5,000	2/6/2018	109-99-9
Toluene	< 2,500	2,500	< 9,430	9,430		5,000	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 2,500	2,500	< 9,900	9,900		5,000	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 2,500	2,500	< 11,400	11,400		5,000	2/6/2018	10061-02-6
Trichloroethene	< 2,500	2,500	< 13,400	13,400		5,000	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2,500	2,500	< 14,100	14,100		5,000	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,500	2,500	< 19,200	19,200		5,000	2/6/2018	76-13-1
Vinyl acetate	< 2,500	2,500	< 8,800	8,800		5,000	2/6/2018	108-05-4
Vinyl chloride	< 2,500	2,500	< 6,400	6,400		5,000	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.5	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/6/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/6/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/6/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/6/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/6/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/6/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/6/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/6/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/6/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/6/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/6/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/6/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/6/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/6/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/6/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/6/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/6/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/6/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/6/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/6/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/6/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/6/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/6/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/6/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/6/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/6/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/6/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/6/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/6/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/6/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/6/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/6/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/6/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/6/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/6/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010206 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/6/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/6/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/6/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/6/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/6/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/6/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/6/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/6/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/6/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/6/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/6/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/6/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/6/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/6/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/6/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/6/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/6/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/6/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/6/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/6/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/6/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/6/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/6/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/6/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/6/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.8	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.3	103	10.3	103	10.0	0.3	ppbv			
Dichlorodifluoromethane(F-12)	10.3	103	10.6	106	10.0	2.8	ppbv			
Chloromethane	11.5	115	11.7	117	10.0	1.6	ppbv			
Dichlorotetrafluoroethane(F-114)	10.2	102	10.3	103	10.0	1.1	ppbv			
Vinyl Chloride	8.5	84.9	8.1	80.9	10.0	4.8	ppbv			
1,3-Butadiene	12.1	121	11.5	115	10.0	5.3	ppbv			
Bromomethane	8.7	87	9.1	90.9	10.0	4.7	ppbv			
Chloroethane	13.3	133	12.5	125	10.0	6.0	ppbv	L5		
Ethanol	19.6	196	18.4	184	10.0	6.3	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	13.6	136	11.9	119	10.0	12.8	ppbv	L5		
Trichlorofluoromethane (F-11)	10.0	100	9.4	93.9	10.0	6.4	ppbv			
Acetone	10.5	105	9.3	93.2	10.0	11.5	ppbv			
Isopropyl Alcohol (2-Propanol)	11.3	113	10.4	104	10.0	7.7	ppbv			
1,1-Dichloroethene	10.7	107	10.2	102	10.0	5.2	ppbv			
Trichlorotrifluoroethane (F-113)	9.5	95.0	8.9	88.6	10.0	7.0	ppbv			
Methylene Chloride	11.2	112	10.3	103	10.0	9.1	ppbv			
Allyl Chloride	9.9	99	9.6	96.0	10.0	2.6	ppbv			
Carbon disulfide	10.0	100	9.3	93.3	10.0	7.3	ppbv			
trans-1,2-Dichloroethene	9.9	99	9.2	92.1	10.0	6.8	ppbv			
Methyl tert-butyl ether	11.1	111	10.7	107	10.0	3.8	ppbv			
1,1-Dichloroethane	10.3	103	9.8	98.0	10.0	4.9	ppbv			
Vinyl acetate	12.8	128	12.2	122	10.0	4.4	ppbv			
2-Butanone (MEK)	10.7	107	10.0	99.8	10.0	6.6	ppbv			
Hexane	12.3	123	11.2	112	10.0	9.5	ppbv			
cis-1,2-Dichloroethene	9.2	92	8.9	88.7	10.0	3.8	ppbv			
Ethyl Acetate	12.7	127	11.1	111	10.0	13.6	ppbv			
Chloroform	10.0	100	9.8	97.9	10.0	2.1	ppbv			
Tetrahydrofuran	11.7	117	11.4	114	10.0	2.7	ppbv			
1,1,1-Trichloroethane	10.1	101	9.7	97.3	10.0	3.3	ppbv			
1,2-Dichloroethane	11.0	110	10.5	105	10.0	4.9	ppbv			
Benzene	10.3	103	9.1	91.3	10.0	11.7	ppbv			
Carbon tetrachloride	10.2	102	9.7	97.4	10.0	4.8	ppbv			
Cyclohexane	12.0	120	10.9	109	10.0	9.2	ppbv			
2,2,4-Trimethylpentane	11.4	114	10.5	105	10.0	7.6	ppbv			
Heptane	12.1	121	11.4	114	10.0	5.9	ppbv			
1,2-Dichloropropane	10.7	107	9.5	95.1	10.0	11.8	ppbv			
Trichloroethene	9.1	90.8	8.3	83.1	10.0	8.9	ppbv			
Bromodichloromethane	10.8	108	10.1	101	10.0	6.8	ppbv			
1,4-Dioxane	11.4	114	8.3	82.8	10.0	31.6	ppbv			R6
Methylcyclohexane	10.9	109	9.9	98.8	10.0	9.5	ppbv			
cis-1,3-Dichloropropene	11.3	113	10.5	105	10.0	8.0	ppbv			
4-methyl-2-pentanone	12.6	126	11.2	112	10.0	11.7	ppbv			
trans-1,3-Dichloropropene	11.6	116	10.6	106	10.0	9.3	ppbv			
Toluene	10.3	103	9.1	90.8	10.0	12.3	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/6/2018 Batch: MS010206 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.4	94.1	8.3	83.3	10.0	12.2	ppbv			
2-Hexanone	13.9	139	12.2	122	10.0	13.1	ppbv	L5		
n-Octane	12.9	129	12.2	122	10.0	5.7	ppbv			
Dibromochloromethane	10.5	105	9.5	95.4	10.0	9.6	ppbv			
1,2-Dibromoethane	9.7	96.7	9.1	90.9	10.0	6.2	ppbv			
Tetrachloroethene	9.1	90.8	8.2	82.2	10.0	9.9	ppbv			
Chlorobenzene	8.8	88.0	8.0	80.0	10.0	9.5	ppbv			
Ethylbenzene	9.5	95.3	8.9	88.7	10.0	7.2	ppbv			
m&p-Xylene	18.8	94.1	17.6	87.9	20.0	6.9	ppbv			
Bromoform	9.5	95.4	9.1	91.4	10.0	4.3	ppbv			
Styrene	9.4	94.2	8.9	89.1	10.0	5.6	ppbv			
Nonane	12.0	120	11.4	114	10.0	4.8	ppbv			
o-Xylene	8.9	88.7	8.4	83.7	10.0	5.8	ppbv			
1,1,2,2-Tetrachloroethane	10.1	101	9.4	93.9	10.0	7.0	ppbv			
Isopropylbenzene	10.5	105	10.1	101	10.0	4.0	ppbv			
n-Propylbenzene	10.8	108	10.6	106	10.0	2.7	ppbv			
4-Ethyltoluene	11.1	111	10.9	109	10.0	2.3	ppbv			
1,3,5-Trimethylbenzene	10.4	104	10.3	103	10.0	0.7	ppbv			
Tert-Butyl Benzene	9.8	97.5	9.7	96.9	10.0	0.6	ppbv			
1,2,4-Trimethylbenzene	10.1	101	9.9	99.4	10.0	1.4	ppbv			
Sec-Butyl Benzene	10.3	103	10.4	104	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.0	89.5	8.9	88.8	10.0	0.8	ppbv			
Benzyl chloride	9.8	97.5	10.0	100	10.0	2.7	ppbv			
1,4-Dichlorobenzene	9.4	94.4	9.8	97.9	10.0	3.6	ppbv			
1,2-Dichlorobenzene	9.7	97.1	10.0	100	10.0	2.8	ppbv			
n-Butyl Benzene	10.7	107	11.1	111	10.0	3.7	ppbv			
1,2,4-Trichlorobenzene	11.2	112	11.6	116	10.0	3.5	ppbv			
Naphthalene	9.6	95.5	10.3	103	10.0	7.9	ppbv			
Hexachlorobutadiene	9.7	97.3	9.8	98.4	10.0	1.1	ppbv			
Surr: 4-Bromofluorobenzene	10.7	107	11.9	119			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B005	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-02	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180130-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/30/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N. Tatum Blvd, Sot 182	Sampler: Matt Williams Phone:	18B005
	Project Name: CVS Project Number: 5P0158	
City, State, Zip: Phoenix, AZ	Project location:	
Contact: Brian McNamara	P.O. Number:	
Phone: Fax:	Fax Results: Y N	
E-Mail Address: b'	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	X 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	____ 5 working Day	I: indoor air
Total # of Containers:_____	____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	1872	128	6 (1) bag	1 2 (5)	SV-07-90-20180206	02-06-18	1226	S	1	✓									
02	E2352	127	6 (1) bag	1 2 (5)	SV-07-100-20180206	02-06-18	1605	S	1	✓									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-06-18	506	[illegible]	James Jon - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

Dear Client:

Airtech Environmental Laboratories received four (4) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B008-01	SV-08-60-20180207	TO-15	2/7/2018	1530
18B008-02	SV-08-70-20180208	TO-15	2/8/2018	0752
18B008-03	SV-08-80-20180208	TO-15	2/8/2018	0955
18B008-04	SV-08-90-20180208	TO-15	2/8/2018	1137

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/08/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B008-01	SV-08-60-20180207	E2095	1801-11	29.0	11.11	179	1712-02
18B008-02	SV-08-70-20180208	1834	1801-11	29.0	11.36	052	1712-02
18B008-03	SV-08-80-20180208	1801	1801-11	29.0	13.06	170	1712-02
18B008-04	SV-08-90-20180208	1808	1801-11	29.0	14.05	166	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-60-20180207
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/7/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720		100	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**399**	**50**	**1,860**	**233**		100	2/8/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/8/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5, R6	100	2/8/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,230	1,230		100	2/8/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/8/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/8/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/8/2018	107-05-1
Benzene	**99**	**50**	**316**	**160**		100	2/8/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/8/2018	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	2/8/2018	593-60-2
Bromoform	< 50	50	< 517	517		100	2/8/2018	75-25-2
Bromomethane	< 50	50	< 194	194		100	2/8/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/8/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/8/2018	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	2/8/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/8/2018	108-90-7
Chloroethane	< 50	50	< 132	132	L5	100	2/8/2018	75-00-3
Chloroform	< 50	50	< 244	244		100	2/8/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-01-5
Cyclohexane	**1,340**	**50**	**4,610**	**172**		100	2/8/2018	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/8/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/8/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/8/2018	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-60-20180207
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/7/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**189**	**50**	**775**	**205**		100	2/8/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,070	1,070		100	2/8/2018	87-68-3
Hexane	**1,550**	**100**	**5,460**	**352**		100	2/8/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/8/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/8/2018	1634-04-4
Methylcyclohexane	**585**	**100**	**2,350**	**402**		100	2/8/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/8/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/8/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/8/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/8/2018	111-65-9
o-Xylene	< 50	50	< 217	217		100	2/8/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/8/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/8/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	135-98-8
Styrene	< 50	50	< 213	213		100	2/8/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/8/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/8/2018	109-99-9
Toluene	< 50	50	< 189	189		100	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-02-6
Trichloroethene	< 50	50	< 269	269		100	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	2/8/2018	76-13-1
Vinyl acetate	< 50	50	< 176	176	L5	100	2/8/2018	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	91.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-70-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**28**	**10**	**132**	**46.6**		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	**12**	**10**	**37.6**	**31.9**		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**181**	**10**	**621**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-70-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**45**	**10**	**185**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**216**	**20**	**762**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**71**	**20**	**284**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	< 20	20	< 93.4	93.4		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.3	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-80-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720		100	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**72**	**50**	**336**	**233**		100	2/8/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/8/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5, R6	100	2/8/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,225	1,225		100	2/8/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/8/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/8/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/8/2018	107-05-1
Benzene	**57**	**50**	**182**	**160**		100	2/8/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/8/2018	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	2/8/2018	593-60-2
Bromoform	< 50	50	< 517	517		100	2/8/2018	75-25-2
Bromomethane	< 50	50	< 194	194		100	2/8/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/8/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/8/2018	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	2/8/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/8/2018	108-90-7
Chloroethane	< 50	50	< 132	132	L5	100	2/8/2018	75-00-3
Chloroform	< 50	50	< 244	244		100	2/8/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-01-5
Cyclohexane	**570**	**50**	**1,960**	**172**		100	2/8/2018	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/8/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/8/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/8/2018	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-80-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**656**	**50**	**2,690**	**205**		100	2/8/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,067	1,067		100	2/8/2018	87-68-3
Hexane	**2,400**	**100**	**8,450**	**352**		100	2/8/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/8/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/8/2018	1634-04-4
Methylcyclohexane	**168**	**100**	**675**	**402**		100	2/8/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/8/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/8/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/8/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/8/2018	111-65-9
o-Xylene	< 50	50	< 217	217		100	2/8/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/8/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/8/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	135-98-8
Styrene	< 50	50	< 213	213		100	2/8/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/8/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/8/2018	109-99-9
Toluene	< 50	50	< 189	189		100	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-02-6
Trichloroethene	< 50	50	< 269	269		100	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	2/8/2018	76-13-1
Vinyl acetate	< 50	50	< 176	176	L5	100	2/8/2018	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	93.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-90-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	**30**	**10**	**96.3**	**31.9**		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**123**	**10**	**423**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-90-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**155**	**10**	**637**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**630**	**20**	**2,220**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**19**	**20**	**75.6**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**65**	**20**	**304**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**13**	**10**	**49.0**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	102	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/8/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/8/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/8/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/8/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/8/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/8/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/8/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/8/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/8/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/8/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/8/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/8/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/8/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/8/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/8/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/8/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/8/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/8/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/8/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/8/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/8/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/8/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/8/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/8/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/8/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/8/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/8/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/8/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/8/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/8/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/8/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/8/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/8/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/8/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	97.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.9	88.6	9.8	97.9	10.0	10.0	ppbv			
Dichlorodifluoromethane(F-12)	9.0	89.9	9.6	96.0	10.0	6.6	ppbv			
Chloromethane	10.1	101.0	11.3	113	10.0	11.3	ppbv			
Dichlorotetrafluoroethane(F-114)	9.0	89.5	10.0	100	10.0	11.2	ppbv			
Vinyl Chloride	7.3	73.1	8.1	80.6	10.0	9.8	ppbv			
1,3-Butadiene	10.7	107	11.2	112	10.0	4.6	ppbv			
Bromomethane	7.2	71.9	7.9	78.8	10.0	9.2	ppbv			
Chloroethane	13.4	134	13.2	132	10.0	1.6	ppbv	L5	L5	
Ethanol	17.3	173	16.5	165	10.0	5.0	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	12.6	126	12.9	129	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	9.0	90.1	9.8	98.0	10.0	8.4	ppbv			
Acetone	8.8	87.9	10.3	103	10.0	15.3	ppbv			
Isopropyl Alcohol (2-Propanol)	9.4	93.8	10.7	107	10.0	12.7	ppbv			
1,1-Dichloroethene	9.6	95.8	10.6	106	10.0	9.7	ppbv			
Trichlorotrifluoroethane (F-113)	8.8	87.8	9.4	93.9	10.0	6.7	ppbv			
Methylene Chloride	9.9	98.5	11.4	114	10.0	14.2	ppbv			
Allyl Chloride	9.3	93.3	10.0	99.8	10.0	6.7	ppbv			
Carbon disulfide	9.5	95.1	9.8	98.1	10.0	3.1	ppbv			
trans-1,2-Dichloroethene	9.0	89.7	9.5	94.6	10.0	5.3	ppbv			
Methyl tert-butyl ether	9.6	95.9	11.1	111	10.0	14.2	ppbv			
1,1-Dichloroethane	10.0	99.8	10.4	104	10.0	4.5	ppbv			
Vinyl acetate	11.1	111	13.2	132	10.0	17.2	ppbv		L5	
2-Butanone (MEK)	9.5	95.1	10.9	109	10.0	13.8	ppbv			
Hexane	11.3	113	11.8	118	10.0	4.4	ppbv			
cis-1,2-Dichloroethene	8.8	87.9	9.3	93.3	10.0	6.0	ppbv			
Ethyl Acetate	10.5	105	12.4	124	10.0	17.0	ppbv			
Chloroform	9.1	90.7	10.0	100	10.0	10.1	ppbv			
Tetrahydrofuran	9.7	97	11.7	117	10.0	18.7	ppbv			
1,1,1-Trichloroethane	8.9	89.2	10.0	99.9	10.0	11.3	ppbv			
1,2-Dichloroethane	9.6	96.2	10.5	105	10.0	8.5	ppbv			
Benzene	9.1	90.6	9.6	96.0	10.0	5.8	ppbv			
Carbon tetrachloride	9.1	91.3	9.9	99.2	10.0	8.3	ppbv			
Cyclohexane	10.8	108	11.7	117	10.0	8.4	ppbv			
2,2,4-Trimethylpentane	10.3	103	11.0	110	10.0	7.2	ppbv			
Heptane	10.7	107	12.1	121	10.0	12.3	ppbv			
1,2-Dichloropropane	8.8	88.1	10.4	104	10.0	16.6	ppbv			
Trichloroethene	8.4	83.7	8.7	86.7	10.0	3.5	ppbv			
Bromodichloromethane	9.8	97.8	10.5	105	10.0	6.9	ppbv			
1,4-Dioxane	8.8	87.7	9.1	91.2	10.0	3.9	ppbv			
Methylcyclohexane	9.3	93.1	10.5	105	10.0	12.3	ppbv			
cis-1,3-Dichloropropene	10.1	101	11.2	112	10.0	11.1	ppbv			
4-methyl-2-pentanone	10.3	103	12.5	125	10.0	19.6	ppbv			
trans-1,3-Dichloropropene	9.9	98.7	11.2	112	10.0	12.4	ppbv			
Toluene	8.7	86.9	9.5	95.2	10.0	9.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.0	80.1	9.0	89.8	10.0	11.4	ppbv			
2-Hexanone	10.4	104	13.4	134	10.0	25.2	ppbv		L5	R6
n-Octane	11.1	111	12.3	123	10.0	11.0	ppbv			
Dibromochloromethane	8.8	88.2	9.9	99.4	10.0	11.9	ppbv			
1,2-Dibromoethane	8.1	80.7	9.4	93.7	10.0	14.9	ppbv			
Tetrachloroethene	7.9	79.4	8.5	84.7	10.0	6.5	ppbv			
Chlorobenzene	8.0	80.1	8.3	82.8	10.0	3.3	ppbv			
Ethylbenzene	9.0	89.7	9.3	92.8	10.0	3.4	ppbv			
m&p-Xylene	18.2	91.2	18.0	90.0	20.0	1.3	ppbv			
Bromoform	9.4	94.2	9.3	92.8	10.0	1.5	ppbv			
Styrene	9.1	90.8	8.8	88.0	10.0	3.1	ppbv			
Nonane	11.8	118	12.1	121	10.0	2.3	ppbv			
o-Xylene	9.0	89.9	8.5	85.0	10.0	5.6	ppbv			
1,1,2,2-Tetrachloroethane	9.5	95.3	10.0	100	10.0	4.8	ppbv			
Isopropylbenzene	9.7	97.1	10.0	100	10.0	3.3	ppbv			
n-Propylbenzene	10.1	101	10.5	105	10.0	4.2	ppbv			
4-Ethyltoluene	10.5	105	10.7	107	10.0	2.5	ppbv			
1,3,5-Trimethylbenzene	9.9	98.7	10.2	102	10.0	2.9	ppbv			
Tert-Butyl Benzene	9.4	93.8	9.5	95.2	10.0	1.5	ppbv			
1,2,4-Trimethylbenzene	10.0	99.9	10.0	100	10.0	0.0	ppbv			
Sec-Butyl Benzene	9.9	98.5	10.2	102	10.0	3.0	ppbv			
1,3-Dichlorobenzene	8.7	86.7	8.8	87.7	10.0	1.1	ppbv			
Benzyl chloride	9.2	91.9	9.9	98.5	10.0	6.9	ppbv			
1,4-Dichlorobenzene	9.2	91.7	9.6	95.8	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.3	93.2	9.8	97.5	10.0	4.5	ppbv			
n-Butyl Benzene	10.3	103	11.2	112	10.0	8.8	ppbv			
1,2,4-Trichlorobenzene	10.4	104	11.0	110	10.0	6.0	ppbv			
Naphthalene	10.3	103	11.6	116	10.0	11.8	ppbv			
Hexachlorobutadiene	8.9	89.3	9.8	97.8	10.0	9.1	ppbv			
Surr: 4-Bromofluorobenzene	11.1	111	11.0	110			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of ____	AEL Lab #
Address: 1181 N Tatum Blvd Ste P186	Sampler: Matt Williams Phone: 720-934-9043	18B008
Phoenix, AZ 85028	Project Name: CVS Project Number: SP0158	
City, State, Zip:	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt

Temperature_____ °C

Custody Seals: Yes_____ No_____

Custody Seals Intact: Yes_____ No_____

Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours

_____ 72 Hours

_____ 5 working Day

_____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction GW: ground water

A: ambient air WW: waste water

I: indoor air

S: soil vapor

W: water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	E2095	179	6 1 bag	1 2 5	SV-08-60-20180207	02-07-18	1530	S	1	✓							48.5		
02	1834	052	6 1 bag	1 2 5	SV-08-70-20180208	02-08-18	0752	S	1	✓							17.4		
03	1801	170	6 1 bag	1 2 5	SV-08-80-20180208	02-08-18	0955	S	1	✓							178.9		
04	1808	166	6 1 bag	1 2 5	SV-08-90-20180208	02-08-18	1137	S	1	✓							82.2		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-08-18	1325	Matt Wil	[illegible]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B011-01	SV-08-100-20180208	TO-15	2/8/2018	--
18B011-02	SV-08-100-20180208 Dup	TO-15	2/8/2018	--

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/08/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B011-01	SV-08-100-20180208	E2399	1801-09	29.0	11.74	219	1712-02
18B011-02	SV-08-100-20180208 Dup	1886	1712-02	29.0	11.75	108	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	**11**	**10**	**52.7**	**48.8**		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**17**	**10**	**58.5**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**13**	**10**	**51.7**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**74**	**20**	**261**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**37**	**20**	**150**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**97**	**20**	**455**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**12**	**10**	**46.0**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	99.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**19**	**10**	**86.7**	**46.6**		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	**18**	**10**	**87.8**	**48.8**		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**32**	**10**	**111**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**25**	**10**	**101**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**121**	**20**	**425**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**144**	**20**	**579**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**223**	**20**	**1,040**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**26**	**10**	**98.8**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	99.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/8/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/8/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/8/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/8/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/8/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/8/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/8/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/8/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/8/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/8/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/8/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/8/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/8/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/8/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/8/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/8/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/8/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/8/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/8/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/8/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/8/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/8/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/8/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/8/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/8/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/8/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/8/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/8/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/8/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/8/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/8/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/8/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/8/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/8/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	97.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.9	88.6	9.8	97.9	10.0	10.0	ppbv			
Dichlorodifluoromethane(F-12)	9.0	89.9	9.6	96.0	10.0	6.6	ppbv			
Chloromethane	10.1	101	11.3	113	10.0	11.3	ppbv			
Dichlorotetrafluoroethane(F-114)	9.0	89.5	10.0	100	10.0	11.2	ppbv			
Vinyl Chloride	7.3	73.1	8.1	80.6	10.0	9.8	ppbv			
1,3-Butadiene	10.7	107	11.2	112	10.0	4.6	ppbv			
Bromomethane	7.2	71.9	7.9	78.8	10.0	9.2	ppbv			
Chloroethane	13.4	134	13.2	132	10.0	1.6	ppbv	L5	L5	
Ethanol	17.3	173	16.5	165	10.0	5.0	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	12.6	126	12.9	129	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	9.0	90.1	9.8	98.0	10.0	8.4	ppbv			
Acetone	8.8	87.9	10.3	103	10.0	15.3	ppbv			
Isopropyl Alcohol (2-Propanol)	9.4	93.8	10.7	107	10.0	12.7	ppbv			
1,1-Dichloroethene	9.6	95.8	10.6	106	10.0	9.7	ppbv			
Trichlorotrifluoroethane (F-113)	8.8	87.8	9.4	93.9	10.0	6.7	ppbv			
Methylene Chloride	9.9	98.5	11.4	114	10.0	14.2	ppbv			
Allyl Chloride	9.3	93.3	10.0	99.8	10.0	6.7	ppbv			
Carbon disulfide	9.5	95.1	9.8	98.1	10.0	3.1	ppbv			
trans-1,2-Dichloroethene	9.0	89.7	9.5	94.6	10.0	5.3	ppbv			
Methyl tert-butyl ether	9.6	95.9	11.1	111	10.0	14.2	ppbv			
1,1-Dichloroethane	10.0	99.8	10.4	104	10.0	4.5	ppbv			
Vinyl acetate	11.1	111	13.2	132	10.0	17.2	ppbv		L5	
2-Butanone (MEK)	9.5	95.1	10.9	109	10.0	13.8	ppbv			
Hexane	11.3	113	11.8	118	10.0	4.4	ppbv			
cis-1,2-Dichloroethene	8.8	87.9	9.3	93.3	10.0	6.0	ppbv			
Ethyl Acetate	10.5	105	12.4	124	10.0	17.0	ppbv			
Chloroform	9.1	90.7	10.0	100	10.0	10.1	ppbv			
Tetrahydrofuran	9.7	96.9	11.7	117	10.0	18.7	ppbv			
1,1,1-Trichloroethane	8.9	89.2	10.0	99.9	10.0	11.3	ppbv			
1,2-Dichloroethane	9.6	96.2	10.5	105	10.0	8.5	ppbv			
Benzene	9.1	90.6	9.6	96.0	10.0	5.8	ppbv			
Carbon tetrachloride	9.1	91.3	9.9	99.2	10.0	8.3	ppbv			
Cyclohexane	10.8	108	11.7	117	10.0	8.4	ppbv			
2,2,4-Trimethylpentane	10.3	103	11.0	110	10.0	7.2	ppbv			
Heptane	10.7	107	12.1	121	10.0	12.3	ppbv			
1,2-Dichloropropane	8.8	88.1	10.4	104	10.0	16.6	ppbv			
Trichloroethene	8.4	83.7	8.7	86.7	10.0	3.5	ppbv			
Bromodichloromethane	9.8	97.8	10.5	105	10.0	6.9	ppbv			
1,4-Dioxane	8.8	87.7	9.1	91.2	10.0	3.9	ppbv			
Methylcyclohexane	9.3	93.1	10.5	105	10.0	12.3	ppbv			
cis-1,3-Dichloropropene	10.1	101	11.2	112	10.0	11.1	ppbv			
4-methyl-2-pentanone	10.3	103	12.5	125	10.0	19.6	ppbv			
trans-1,3-Dichloropropene	9.9	98.7	11.2	112	10.0	12.4	ppbv			
Toluene	8.7	86.9	9.5	95.2	10.0	9.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.0	80.1	9.0	89.8	10.0	11.4	ppbv			
2-Hexanone	10.4	104	13.4	134	10.0	25.2	ppbv		L5	R6
n-Octane	11.1	111	12.3	123	10.0	11.0	ppbv			
Dibromochloromethane	8.8	88.2	9.9	99.4	10.0	11.9	ppbv			
1,2-Dibromoethane	8.1	80.7	9.4	93.7	10.0	14.9	ppbv			
Tetrachloroethene	7.9	79.4	8.5	84.7	10.0	6.5	ppbv			
Chlorobenzene	8.0	80.1	8.3	82.8	10.0	3.3	ppbv			
Ethylbenzene	9.0	89.7	9.3	92.8	10.0	3.4	ppbv			
m&p-Xylene	18.2	91.2	18.0	90.0	20.0	1.3	ppbv			
Bromoform	9.4	94.2	9.3	92.8	10.0	1.5	ppbv			
Styrene	9.1	90.8	8.8	88.0	10.0	3.1	ppbv			
Nonane	11.8	118	12.1	121	10.0	2.3	ppbv			
o-Xylene	9.0	89.9	8.5	85.0	10.0	5.6	ppbv			
1,1,2,2-Tetrachloroethane	9.5	95.3	10.0	100	10.0	4.8	ppbv			
Isopropylbenzene	9.7	97.1	10.0	100	10.0	3.3	ppbv			
n-Propylbenzene	10.1	101	10.5	105	10.0	4.2	ppbv			
4-Ethyltoluene	10.5	105	10.7	107	10.0	2.5	ppbv			
1,3,5-Trimethylbenzene	9.9	98.7	10.2	102	10.0	2.9	ppbv			
Tert-Butyl Benzene	9.4	93.8	9.5	95.2	10.0	1.5	ppbv			
1,2,4-Trimethylbenzene	10.0	99.9	10.0	100	10.0	0.0	ppbv			
Sec-Butyl Benzene	9.9	98.5	10.2	102	10.0	3.0	ppbv			
1,3-Dichlorobenzene	8.7	86.7	8.8	87.7	10.0	1.1	ppbv			
Benzyl chloride	9.2	91.9	9.9	98.5	10.0	6.9	ppbv			
1,4-Dichlorobenzene	9.2	91.7	9.6	95.8	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.3	93.2	9.8	97.5	10.0	4.5	ppbv			
n-Butyl Benzene	10.3	103	11.2	112	10.0	8.8	ppbv			
1,2,4-Trichlorobenzene	10.4	104	11.0	110	10.0	6.0	ppbv			
Naphthalene	10.3	103	11.6	116	10.0	11.8	ppbv			
Hexachlorobutadiene	8.9	89.3	9.8	97.8	10.0	9.1	ppbv			
Surr: 4-Bromofluorobenzene	11.1	111	11.0	110			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N Tatum Blvd Ste. P186	Sampler: Matt Williams Phone: 7209349043	18B011
	Project Name: ~~SP0158~~ MW CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ, 85028	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	____ 5 working Day	I: indoor air
Total # of Containers:_____	____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2399	219	6 1 bag	1 2 5	SV-08-100-20180208	02-08-18		S	1	/									
02	1886	108	6 1 bag	1 2 5	SV-08-100-20180208 Dup	02-08-18		S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-08-18	1755	Matt Williams	Jami Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

Dear Client:

Airtech Environmental Laboratories received four (4) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B008-01	SV-08-60-20180207	TO-15	2/7/2018	1530
18B008-02	SV-08-70-20180208	TO-15	2/8/2018	0752
18B008-03	SV-08-80-20180208	TO-15	2/8/2018	0955
18B008-04	SV-08-90-20180208	TO-15	2/8/2018	1137

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B008
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/08/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B008-01	SV-08-60-20180207	E2095	1801-11	29.0	11.11	179	1712-02
18B008-02	SV-08-70-20180208	1834	1801-11	29.0	11.36	052	1712-02
18B008-03	SV-08-80-20180208	1801	1801-11	29.0	13.06	170	1712-02
18B008-04	SV-08-90-20180208	1808	1801-11	29.0	14.05	166	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-60-20180207
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/7/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720		100	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**399**	**50**	**1,860**	**233**		100	2/8/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/8/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5, R6	100	2/8/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,230	1,230		100	2/8/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/8/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/8/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/8/2018	107-05-1
Benzene	**99**	**50**	**316**	**160**		100	2/8/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/8/2018	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	2/8/2018	593-60-2
Bromoform	< 50	50	< 517	517		100	2/8/2018	75-25-2
Bromomethane	< 50	50	< 194	194		100	2/8/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/8/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/8/2018	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	2/8/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/8/2018	108-90-7
Chloroethane	< 50	50	< 132	132	L5	100	2/8/2018	75-00-3
Chloroform	< 50	50	< 244	244		100	2/8/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-01-5
Cyclohexane	**1,340**	**50**	**4,610**	**172**		100	2/8/2018	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/8/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/8/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/8/2018	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-60-20180207
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/7/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**189**	**50**	**775**	**205**		100	2/8/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,070	1,070		100	2/8/2018	87-68-3
Hexane	**1,550**	**100**	**5,460**	**352**		100	2/8/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/8/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/8/2018	1634-04-4
Methylcyclohexane	**585**	**100**	**2,350**	**402**		100	2/8/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/8/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/8/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/8/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/8/2018	111-65-9
o-Xylene	< 50	50	< 217	217		100	2/8/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/8/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/8/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	135-98-8
Styrene	< 50	50	< 213	213		100	2/8/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/8/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/8/2018	109-99-9
Toluene	< 50	50	< 189	189		100	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-02-6
Trichloroethene	< 50	50	< 269	269		100	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	2/8/2018	76-13-1
Vinyl acetate	< 50	50	< 176	176	L5	100	2/8/2018	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	91.4	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-70-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**28**	**10**	**132**	**46.6**		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	**12**	**10**	**37.6**	**31.9**		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**181**	**10**	**621**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-70-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**45**	**10**	**185**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**216**	**20**	**762**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**71**	**20**	**284**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	< 20	20	< 93.4	93.4		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.3	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-80-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 50	50	< 344	344		100	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 50	50	< 273	273		100	2/8/2018	79-00-5
1,1-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	75-34-3
1,1-Dichloroethene	< 50	50	< 199	199		100	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 200	200	< 1,480	1,480		100	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	95-63-6
1,2-Dibromoethane	< 50	50	< 384	384		100	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	95-50-1
1,2-Dichloroethane	< 50	50	< 203	203		100	2/8/2018	107-06-2
1,2-Dichloropropane	< 50	50	< 231	231		100	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 50	50	< 246	246		100	2/8/2018	108-67-8
1,3-Butadiene	< 50	50	< 111	111		100	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 50	50	< 301	301		100	2/8/2018	106-46-7
1,4-Dioxane	< 200	200	< 720	720		100	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**72**	**50**	**336**	**233**		100	2/8/2018	540-84-1
2-Butanone (MEK)	< 500	500	< 1,480	1,480		100	2/8/2018	78-93-3
2-Hexanone	< 500	500	< 2,050	2,050	L5, R6	100	2/8/2018	591-78-6
2-Propanol (IPA)	< 500	500	< 1,225	1,225		100	2/8/2018	67-63-0
4-Ethyltoluene	< 100	100	< 492	492		100	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 500	500	< 2,050	2,050		100	2/8/2018	108-10-1
Acetone	< 500	500	< 1,190	1,190		100	2/8/2018	67-64-1
Allyl chloride	< 100	100	< 313	313		100	2/8/2018	107-05-1
Benzene	**57**	**50**	**182**	**160**		100	2/8/2018	71-43-2
Benzyl chloride	< 200	200	< 1,040	1,040		100	2/8/2018	100-44-7
Bromodichloromethane	< 50	50	< 335	335		100	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 50	50	< 219	219		100	2/8/2018	593-60-2
Bromoform	< 50	50	< 517	517		100	2/8/2018	75-25-2
Bromomethane	< 50	50	< 194	194		100	2/8/2018	74-83-9
Butyl benzene	< 100	100	< 549	549		100	2/8/2018	104-51-8
Carbon disulfide	< 200	200	< 622	622		100	2/8/2018	75-15-0
Carbon tetrachloride	< 50	50	< 315	315		100	2/8/2018	56-23-5
Chlorobenzene	< 50	50	< 230	230		100	2/8/2018	108-90-7
Chloroethane	< 50	50	< 132	132	L5	100	2/8/2018	75-00-3
Chloroform	< 50	50	< 244	244		100	2/8/2018	67-66-3
Chloromethane	< 100	100	< 207	207		100	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-01-5
Cyclohexane	**570**	**50**	**1,960**	**172**		100	2/8/2018	110-82-7
Dibromochloromethane	< 50	50	< 426	426		100	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 100	100	< 495	495		100	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 50	50	< 350	350		100	2/8/2018	76-14-2
Ethanol	< 500	500	< 940	940	L5	100	2/8/2018	64-17-5
Ethyl Acetate	< 50	50	< 180	180		100	2/8/2018	141-78-6
Ethylbenzene	< 50	50	< 217	217		100	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-80-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**656**	**50**	**2,690**	**205**		100	2/8/2018	142-82-5
Hexachlorobutadiene	< 100	100	< 1,067	1,067		100	2/8/2018	87-68-3
Hexane	**2,400**	**100**	**8,450**	**352**		100	2/8/2018	110-54-3
Isopropylbenzene	< 100	100	< 492	492		100	2/8/2018	98-82-8
m&p-Xylene	< 100	100	< 434	434		100	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 200	200	< 722	722		100	2/8/2018	1634-04-4
Methylcyclohexane	**168**	**100**	**675**	**402**		100	2/8/2018	108-87-2
Methylene chloride	< 200	200	< 694	694		100	2/8/2018	75-09-2
Naphthalene	< 500	500	< 2,620	2,620		100	2/8/2018	91-20-3
Nonane	< 100	100	< 524	524		100	2/8/2018	111-84-2
Octane	< 100	100	< 467	467		100	2/8/2018	111-65-9
o-Xylene	< 50	50	< 217	217		100	2/8/2018	95-47-6
Propene (Propylene)	< 100	100	< 172	172		100	2/8/2018	115-07-1
Propylbenzene	< 100	100	< 492	492		100	2/8/2018	103-65-1
Sec-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	135-98-8
Styrene	< 50	50	< 213	213		100	2/8/2018	100-42-5
Tert-Butyl benzene	< 100	100	< 549	549		100	2/8/2018	98-06-6
Tetrachloroethene	< 100	100	< 678	678		100	2/8/2018	127-18-4
Tetrahydrofuran	< 200	200	< 590	590		100	2/8/2018	109-99-9
Toluene	< 50	50	< 189	189		100	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 50	50	< 198	198		100	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 50	50	< 227	227		100	2/8/2018	10061-02-6
Trichloroethene	< 50	50	< 269	269		100	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 50	50	< 281	281		100	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 50	50	< 383	383		100	2/8/2018	76-13-1
Vinyl acetate	< 50	50	< 176	176	L5	100	2/8/2018	108-05-4
Vinyl chloride	< 50	50	< 128	128		100	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	93.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-90-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	**30**	**10**	**96.3**	**31.9**		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**123**	**10**	**423**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-90-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	2/8/2018
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**155**	**10**	**637**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**630**	**20**	**2,220**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**19**	**20**	**75.6**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**65**	**20**	**304**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**13**	**10**	**49.0**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	102	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/8/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/8/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/8/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/8/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/8/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/8/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/8/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/8/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/8/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/8/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/8/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/8/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/8/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/8/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/8/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/8/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/8/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/8/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/8/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/8/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/8/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/8/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/8/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/8/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/8/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/8/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/8/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/8/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/8/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/8/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/8/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/8/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/8/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/8/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	97.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.9	88.6	9.8	97.9	10.0	10.0	ppbv			
Dichlorodifluoromethane(F-12)	9.0	89.9	9.6	96.0	10.0	6.6	ppbv			
Chloromethane	10.1	101.0	11.3	113	10.0	11.3	ppbv			
Dichlorotetrafluoroethane(F-114)	9.0	89.5	10.0	100	10.0	11.2	ppbv			
Vinyl Chloride	7.3	73.1	8.1	80.6	10.0	9.8	ppbv			
1,3-Butadiene	10.7	107	11.2	112	10.0	4.6	ppbv			
Bromomethane	7.2	71.9	7.9	78.8	10.0	9.2	ppbv			
Chloroethane	13.4	134	13.2	132	10.0	1.6	ppbv	L5	L5	
Ethanol	17.3	173	16.5	165	10.0	5.0	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	12.6	126	12.9	129	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	9.0	90.1	9.8	98.0	10.0	8.4	ppbv			
Acetone	8.8	87.9	10.3	103	10.0	15.3	ppbv			
Isopropyl Alcohol (2-Propanol)	9.4	93.8	10.7	107	10.0	12.7	ppbv			
1,1-Dichloroethene	9.6	95.8	10.6	106	10.0	9.7	ppbv			
Trichlorotrifluoroethane (F-113)	8.8	87.8	9.4	93.9	10.0	6.7	ppbv			
Methylene Chloride	9.9	98.5	11.4	114	10.0	14.2	ppbv			
Allyl Chloride	9.3	93.3	10.0	99.8	10.0	6.7	ppbv			
Carbon disulfide	9.5	95.1	9.8	98.1	10.0	3.1	ppbv			
trans-1,2-Dichloroethene	9.0	89.7	9.5	94.6	10.0	5.3	ppbv			
Methyl tert-butyl ether	9.6	95.9	11.1	111	10.0	14.2	ppbv			
1,1-Dichloroethane	10.0	99.8	10.4	104	10.0	4.5	ppbv			
Vinyl acetate	11.1	111	13.2	132	10.0	17.2	ppbv		L5	
2-Butanone (MEK)	9.5	95.1	10.9	109	10.0	13.8	ppbv			
Hexane	11.3	113	11.8	118	10.0	4.4	ppbv			
cis-1,2-Dichloroethene	8.8	87.9	9.3	93.3	10.0	6.0	ppbv			
Ethyl Acetate	10.5	105	12.4	124	10.0	17.0	ppbv			
Chloroform	9.1	90.7	10.0	100	10.0	10.1	ppbv			
Tetrahydrofuran	9.7	97	11.7	117	10.0	18.7	ppbv			
1,1,1-Trichloroethane	8.9	89.2	10.0	99.9	10.0	11.3	ppbv			
1,2-Dichloroethane	9.6	96.2	10.5	105	10.0	8.5	ppbv			
Benzene	9.1	90.6	9.6	96.0	10.0	5.8	ppbv			
Carbon tetrachloride	9.1	91.3	9.9	99.2	10.0	8.3	ppbv			
Cyclohexane	10.8	108	11.7	117	10.0	8.4	ppbv			
2,2,4-Trimethylpentane	10.3	103	11.0	110	10.0	7.2	ppbv			
Heptane	10.7	107	12.1	121	10.0	12.3	ppbv			
1,2-Dichloropropane	8.8	88.1	10.4	104	10.0	16.6	ppbv			
Trichloroethene	8.4	83.7	8.7	86.7	10.0	3.5	ppbv			
Bromodichloromethane	9.8	97.8	10.5	105	10.0	6.9	ppbv			
1,4-Dioxane	8.8	87.7	9.1	91.2	10.0	3.9	ppbv			
Methylcyclohexane	9.3	93.1	10.5	105	10.0	12.3	ppbv			
cis-1,3-Dichloropropene	10.1	101	11.2	112	10.0	11.1	ppbv			
4-methyl-2-pentanone	10.3	103	12.5	125	10.0	19.6	ppbv			
trans-1,3-Dichloropropene	9.9	98.7	11.2	112	10.0	12.4	ppbv			
Toluene	8.7	86.9	9.5	95.2	10.0	9.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.0	80.1	9.0	89.8	10.0	11.4	ppbv			
2-Hexanone	10.4	104	13.4	134	10.0	25.2	ppbv		L5	R6
n-Octane	11.1	111	12.3	123	10.0	11.0	ppbv			
Dibromochloromethane	8.8	88.2	9.9	99.4	10.0	11.9	ppbv			
1,2-Dibromoethane	8.1	80.7	9.4	93.7	10.0	14.9	ppbv			
Tetrachloroethene	7.9	79.4	8.5	84.7	10.0	6.5	ppbv			
Chlorobenzene	8.0	80.1	8.3	82.8	10.0	3.3	ppbv			
Ethylbenzene	9.0	89.7	9.3	92.8	10.0	3.4	ppbv			
m&p-Xylene	18.2	91.2	18.0	90.0	20.0	1.3	ppbv			
Bromoform	9.4	94.2	9.3	92.8	10.0	1.5	ppbv			
Styrene	9.1	90.8	8.8	88.0	10.0	3.1	ppbv			
Nonane	11.8	118	12.1	121	10.0	2.3	ppbv			
o-Xylene	9.0	89.9	8.5	85.0	10.0	5.6	ppbv			
1,1,2,2-Tetrachloroethane	9.5	95.3	10.0	100	10.0	4.8	ppbv			
Isopropylbenzene	9.7	97.1	10.0	100	10.0	3.3	ppbv			
n-Propylbenzene	10.1	101	10.5	105	10.0	4.2	ppbv			
4-Ethyltoluene	10.5	105	10.7	107	10.0	2.5	ppbv			
1,3,5-Trimethylbenzene	9.9	98.7	10.2	102	10.0	2.9	ppbv			
Tert-Butyl Benzene	9.4	93.8	9.5	95.2	10.0	1.5	ppbv			
1,2,4-Trimethylbenzene	10.0	99.9	10.0	100	10.0	0.0	ppbv			
Sec-Butyl Benzene	9.9	98.5	10.2	102	10.0	3.0	ppbv			
1,3-Dichlorobenzene	8.7	86.7	8.8	87.7	10.0	1.1	ppbv			
Benzyl chloride	9.2	91.9	9.9	98.5	10.0	6.9	ppbv			
1,4-Dichlorobenzene	9.2	91.7	9.6	95.8	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.3	93.2	9.8	97.5	10.0	4.5	ppbv			
n-Butyl Benzene	10.3	103	11.2	112	10.0	8.8	ppbv			
1,2,4-Trichlorobenzene	10.4	104	11.0	110	10.0	6.0	ppbv			
Naphthalene	10.3	103	11.6	116	10.0	11.8	ppbv			
Hexachlorobutadiene	8.9	89.3	9.8	97.8	10.0	9.1	ppbv			
Surr: 4-Bromofluorobenzene	11.1	111	11.0	110			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B008	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of ____	AEL Lab #
Address: 1181 N Tatum Blvd Ste P186	Sampler: Matt Williams Phone: 720-934-9043	18B008
Phoenix, AZ 85028	Project Name: CVS Project Number: SP0158	
City, State, Zip:	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt

Temperature_____ °C

Custody Seals: Yes_____ No_____

Custody Seals Intact: Yes_____ No_____

Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours

_____ 72 Hours

_____ 5 working Day

_____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction GW: ground water

A: ambient air WW: waste water

I: indoor air

S: soil vapor

W: water

Analyses Requested

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	E2095	179	6 1 bag	1 2 5	SV-08-60-20180207	02-07-18	1530	S	1	✓							48.5		
02	1834	052	6 1 bag	1 2 5	SV-08-70-20180208	02-08-18	0752	S	1	✓							17.4		
03	1801	170	6 1 bag	1 2 5	SV-08-80-20180208	02-08-18	0955	S	1	✓							178.9		
04	1808	166	6 1 bag	1 2 5	SV-08-90-20180208	02-08-18	1137	S	1	✓							82.2		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-08-18	1325	Matt Wil	[illegible]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/8/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B011-01	SV-08-100-20180208	TO-15	2/8/2018	--
18B011-02	SV-08-100-20180208 Dup	TO-15	2/8/2018	--

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 9, 2018

Client:	Brian McNamara	Work Order #:	18B011
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/08/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

R6: BS/BSD RPD exceeded the method acceptance limit. Recovery met acceptance criteria.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B011-01	SV-08-100-20180208	E2399	1801-09	29.0	11.74	219	1712-02
18B011-02	SV-08-100-20180208 Dup	1886	1712-02	29.0	11.75	108	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 46.6	46.6		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	**11**	**10**	**52.7**	**48.8**		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**17**	**10**	**58.5**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**13**	**10**	**51.7**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**74**	**20**	**261**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**37**	**20**	**150**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**97**	**20**	**455**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**12**	**10**	**46.0**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	99.9	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/8/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/8/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		20	2/8/2018	108-67-8
1,3-Butadiene	< 10	10	< 22.1	22.1		20	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		20	2/8/2018	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/8/2018	123-91-1
2,2,4-Trimethylpentane	**19**	**10**	**86.7**	**46.6**		20	2/8/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/8/2018	78-93-3
2-Hexanone	< 100	100	< 410	410	L5, R6	20	2/8/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/8/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/8/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/8/2018	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		20	2/8/2018	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	2/8/2018	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/8/2018	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/8/2018	593-60-2
Bromoform	< 10	10	< 103	103		20	2/8/2018	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/8/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/8/2018	104-51-8
Carbon disulfide	< 40	40	< 124	124		20	2/8/2018	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/8/2018	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/8/2018	108-90-7
Chloroethane	< 10	10	< 26.4	26.4	L5	20	2/8/2018	75-00-3
Chloroform	**18**	**10**	**87.8**	**48.8**		20	2/8/2018	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		20	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-01-5
Cyclohexane	**32**	**10**	**111**	**34.4**		20	2/8/2018	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/8/2018	76-14-2
Ethanol	< 100	100	< 188	188	L5	20	2/8/2018	64-17-5
Ethyl Acetate	< 10	10	< 36.0	36.0		20	2/8/2018	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-08-100-20180208 Dup
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	2/8/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**25**	**10**	**101**	**41.0**		20	2/8/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/8/2018	87-68-3
Hexane	**121**	**20**	**425**	**70.4**		20	2/8/2018	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/8/2018	1634-04-4
Methylcyclohexane	**144**	**20**	**579**	**80.4**		20	2/8/2018	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/8/2018	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/8/2018	91-20-3
Nonane	< 20	20	< 105	105		20	2/8/2018	111-84-2
Octane	**223**	**20**	**1,040**	**93.4**		20	2/8/2018	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/8/2018	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		20	2/8/2018	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/8/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/8/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/8/2018	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/8/2018	127-18-4
Tetrahydrofuran	< 40	40	< 118	118		20	2/8/2018	109-99-9
Toluene	**26**	**10**	**98.8**	**37.7**		20	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/8/2018	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/8/2018	76-13-1
Vinyl acetate	< 10	10	< 35.2	35.2	L5	20	2/8/2018	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	99.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/8/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/8/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/8/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/8/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/8/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/8/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/8/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/8/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/8/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/8/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/8/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/8/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/8/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/8/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/8/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/8/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/8/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/8/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/8/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/8/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/8/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/8/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/8/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/8/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/8/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/8/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/8/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/8/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/8/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/8/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/8/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/8/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/8/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/8/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/8/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010208 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/8/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/8/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/8/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/8/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/8/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/8/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/8/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/8/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/8/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/8/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/8/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/8/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/8/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/8/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/8/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/8/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/8/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/8/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/8/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/8/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/8/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/8/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/8/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/8/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/8/2018	75-01-4
Surr: 4-Bromofluorobenzene	97.2	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	8.9	88.6	9.8	97.9	10.0	10.0	ppbv			
Dichlorodifluoromethane(F-12)	9.0	89.9	9.6	96.0	10.0	6.6	ppbv			
Chloromethane	10.1	101	11.3	113	10.0	11.3	ppbv			
Dichlorotetrafluoroethane(F-114)	9.0	89.5	10.0	100	10.0	11.2	ppbv			
Vinyl Chloride	7.3	73.1	8.1	80.6	10.0	9.8	ppbv			
1,3-Butadiene	10.7	107	11.2	112	10.0	4.6	ppbv			
Bromomethane	7.2	71.9	7.9	78.8	10.0	9.2	ppbv			
Chloroethane	13.4	134	13.2	132	10.0	1.6	ppbv	L5	L5	
Ethanol	17.3	173	16.5	165	10.0	5.0	ppbv	L5	L5	
Bromoethene(Vinyl Bromide)	12.6	126	12.9	129	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	9.0	90.1	9.8	98.0	10.0	8.4	ppbv			
Acetone	8.8	87.9	10.3	103	10.0	15.3	ppbv			
Isopropyl Alcohol (2-Propanol)	9.4	93.8	10.7	107	10.0	12.7	ppbv			
1,1-Dichloroethene	9.6	95.8	10.6	106	10.0	9.7	ppbv			
Trichlorotrifluoroethane (F-113)	8.8	87.8	9.4	93.9	10.0	6.7	ppbv			
Methylene Chloride	9.9	98.5	11.4	114	10.0	14.2	ppbv			
Allyl Chloride	9.3	93.3	10.0	99.8	10.0	6.7	ppbv			
Carbon disulfide	9.5	95.1	9.8	98.1	10.0	3.1	ppbv			
trans-1,2-Dichloroethene	9.0	89.7	9.5	94.6	10.0	5.3	ppbv			
Methyl tert-butyl ether	9.6	95.9	11.1	111	10.0	14.2	ppbv			
1,1-Dichloroethane	10.0	99.8	10.4	104	10.0	4.5	ppbv			
Vinyl acetate	11.1	111	13.2	132	10.0	17.2	ppbv		L5	
2-Butanone (MEK)	9.5	95.1	10.9	109	10.0	13.8	ppbv			
Hexane	11.3	113	11.8	118	10.0	4.4	ppbv			
cis-1,2-Dichloroethene	8.8	87.9	9.3	93.3	10.0	6.0	ppbv			
Ethyl Acetate	10.5	105	12.4	124	10.0	17.0	ppbv			
Chloroform	9.1	90.7	10.0	100	10.0	10.1	ppbv			
Tetrahydrofuran	9.7	96.9	11.7	117	10.0	18.7	ppbv			
1,1,1-Trichloroethane	8.9	89.2	10.0	99.9	10.0	11.3	ppbv			
1,2-Dichloroethane	9.6	96.2	10.5	105	10.0	8.5	ppbv			
Benzene	9.1	90.6	9.6	96.0	10.0	5.8	ppbv			
Carbon tetrachloride	9.1	91.3	9.9	99.2	10.0	8.3	ppbv			
Cyclohexane	10.8	108	11.7	117	10.0	8.4	ppbv			
2,2,4-Trimethylpentane	10.3	103	11.0	110	10.0	7.2	ppbv			
Heptane	10.7	107	12.1	121	10.0	12.3	ppbv			
1,2-Dichloropropane	8.8	88.1	10.4	104	10.0	16.6	ppbv			
Trichloroethene	8.4	83.7	8.7	86.7	10.0	3.5	ppbv			
Bromodichloromethane	9.8	97.8	10.5	105	10.0	6.9	ppbv			
1,4-Dioxane	8.8	87.7	9.1	91.2	10.0	3.9	ppbv			
Methylcyclohexane	9.3	93.1	10.5	105	10.0	12.3	ppbv			
cis-1,3-Dichloropropene	10.1	101	11.2	112	10.0	11.1	ppbv			
4-methyl-2-pentanone	10.3	103	12.5	125	10.0	19.6	ppbv			
trans-1,3-Dichloropropene	9.9	98.7	11.2	112	10.0	12.4	ppbv			
Toluene	8.7	86.9	9.5	95.2	10.0	9.1	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/8/2018 Batch: MS010208 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.0	80.1	9.0	89.8	10.0	11.4	ppbv			
2-Hexanone	10.4	104	13.4	134	10.0	25.2	ppbv		L5	R6
n-Octane	11.1	111	12.3	123	10.0	11.0	ppbv			
Dibromochloromethane	8.8	88.2	9.9	99.4	10.0	11.9	ppbv			
1,2-Dibromoethane	8.1	80.7	9.4	93.7	10.0	14.9	ppbv			
Tetrachloroethene	7.9	79.4	8.5	84.7	10.0	6.5	ppbv			
Chlorobenzene	8.0	80.1	8.3	82.8	10.0	3.3	ppbv			
Ethylbenzene	9.0	89.7	9.3	92.8	10.0	3.4	ppbv			
m&p-Xylene	18.2	91.2	18.0	90.0	20.0	1.3	ppbv			
Bromoform	9.4	94.2	9.3	92.8	10.0	1.5	ppbv			
Styrene	9.1	90.8	8.8	88.0	10.0	3.1	ppbv			
Nonane	11.8	118	12.1	121	10.0	2.3	ppbv			
o-Xylene	9.0	89.9	8.5	85.0	10.0	5.6	ppbv			
1,1,2,2-Tetrachloroethane	9.5	95.3	10.0	100	10.0	4.8	ppbv			
Isopropylbenzene	9.7	97.1	10.0	100	10.0	3.3	ppbv			
n-Propylbenzene	10.1	101	10.5	105	10.0	4.2	ppbv			
4-Ethyltoluene	10.5	105	10.7	107	10.0	2.5	ppbv			
1,3,5-Trimethylbenzene	9.9	98.7	10.2	102	10.0	2.9	ppbv			
Tert-Butyl Benzene	9.4	93.8	9.5	95.2	10.0	1.5	ppbv			
1,2,4-Trimethylbenzene	10.0	99.9	10.0	100	10.0	0.0	ppbv			
Sec-Butyl Benzene	9.9	98.5	10.2	102	10.0	3.0	ppbv			
1,3-Dichlorobenzene	8.7	86.7	8.8	87.7	10.0	1.1	ppbv			
Benzyl chloride	9.2	91.9	9.9	98.5	10.0	6.9	ppbv			
1,4-Dichlorobenzene	9.2	91.7	9.6	95.8	10.0	4.4	ppbv			
1,2-Dichlorobenzene	9.3	93.2	9.8	97.5	10.0	4.5	ppbv			
n-Butyl Benzene	10.3	103	11.2	112	10.0	8.8	ppbv			
1,2,4-Trichlorobenzene	10.4	104	11.0	110	10.0	6.0	ppbv			
Naphthalene	10.3	103	11.6	116	10.0	11.8	ppbv			
Hexachlorobutadiene	8.9	89.3	9.8	97.8	10.0	9.1	ppbv			
Surr: 4-Bromofluorobenzene	11.1	111	11.0	110			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B011	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N Tatum Blvd Ste. P186	Sampler: Matt Williams Phone: 7209349043	18B011
	Project Name: ~~SP0158~~ MW CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ, 85028	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	____ 5 working Day	I: indoor air
Total # of Containers:_____	____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	E2399	219	6 1 bag	1 2 5	SV-08-100-20180208	02-08-18		S	1	/									
02	1886	108	6 1 bag	1 2 5	SV-08-100-20180208 Dup	02-08-18		S	1	/									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-08-18	1755	Matt Williams	Jami Jones - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/9/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/9/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B012-01	SV-09-60-20180209	TO-15	2/9/2018	1314
18B012-02	SV-09-70-20180209	TO-15	2/9/2018	1449

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/09/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B012-01	SV-09-60-20180209	1816	1801-11	29.0	13.45	218	1712-05
18B012-02	SV-09-70-20180209	1860	1801-09	29.0	13.00	083	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-60-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**6.9**	**2.5**	**22**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**28**	**2.5**	**140**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-60-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	**24**	**2.5**	**96**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**77**	**5.0**	**270**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	< 10	10	< 35	35		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	< 5.0	5.0	< 23	23		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**11**	**2.5**	**41**	**9**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	SV-09-70-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	**26**	**25**	**78**	**74**		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**3.9**	**2.5**	**12**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	**13**	**2.5**	**84**	**17**		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**126**	**2.5**	**614**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

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Client:	Geosyntec	**Client Sample ID:**	SV-09-70-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	**13**	**2.5**	**52**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**35**	**5.0**	**120**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	**12**	**10**	**43**	**35**		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	**9.6**	**5.0**	**45**	**23**		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**13**	**2.5**	**50**	**9.4**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	99.9	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180202-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	5/2/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N. Tatum Blvd. Ste. P186	Sampler: Matt Williams Phone: 720-934-9043	183012
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ, 85028	Project location: 2406 E Thomas Rd	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
_____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water		PID	DFA tracer cmpd. as TIC
01	1816	218	6 (1) bag	1 2 (5)	SV-09-60-20180209	02-09-18	1314	S	1	/								11.4	
02	1860	083	6 (1) bag	1 2 (5)	SV-09-70-20180209	02-09-18	1449	S	1	/								7.2	
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-09-18	1606	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B013-01	SV-09-90-20180210	TO-15	2/10/2018	0853
18B013-02	SV-09-80-20180209	TO-15	2/9/2018	1650

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/10/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B013-01	SV-09-90-20180210	1877	1801-08	29.0	13.23	036	1712-04
18B013-02	SV-09-80-20180209	1817	1801-09	29.0	11.76	080	1712-05

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-90-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**15**	**2.5**	**47**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**33**	**2.5**	**160**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-90-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**60**	**2.5**	**250**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**247**	**5.0**	**868**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	< 10	10	< 35	35		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	**30**	**5.0**	**140**	**23**		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**12**	**2.5**	**46**	**9.4**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-80-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	2/10/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	2/10/2018	78-93-3
2-Hexanone	< 100	100	< 410	410		20	2/10/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 240	240		20	2/10/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/10/2018	108-10-1
Acetone	< 100	100	< 240	240		20	2/10/2018	67-64-1
Allyl chloride	< 20	20	< 63	63		20	2/10/2018	107-05-1
Benzene	**26**	**10**	**84**	**32**		20	2/10/2018	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	2/10/2018	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	2/10/2018	593-60-2
Bromoform	< 10	10	< 100	100		20	2/10/2018	75-25-2
Bromomethane	< 10	10	< 39	39		20	2/10/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/10/2018	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	2/10/2018	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	2/10/2018	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	2/10/2018	108-90-7
Chloroethane	< 10	10	< 26	26		20	2/10/2018	75-00-3
Chloroform	**53**	**10**	**260**	**49**		20	2/10/2018	67-66-3
Chloromethane	< 20	20	< 41	41		20	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	2/10/2018	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	2/10/2018	76-14-2
Ethanol	< 100	100	< 190	190		20	2/10/2018	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	2/10/2018	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-80-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**92**	**10**	**380**	**41**		20	2/10/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	2/10/2018	87-68-3
Hexane	**397**	**20**	**1,400**	**70**		20	2/10/2018	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	2/10/2018	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	2/10/2018	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	2/10/2018	108-87-2
Methylene chloride	< 40	40	< 140	140		20	2/10/2018	75-09-2
Naphthalene	< 100	100	< 520	520		20	2/10/2018	91-20-3
Nonane	< 20	20	< 110	110		20	2/10/2018	111-84-2
Octane	**21**	**20**	**97**	**93**		20	2/10/2018	111-65-9
o-Xylene	< 10	10	< 43	43		20	2/10/2018	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	2/10/2018	115-07-1
Propylbenzene	< 20	20	< 98	98		20	2/10/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	135-98-8
Styrene	< 10	10	< 43	43		20	2/10/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	98-06-6
Tetrachloroethene	< 20	20	< 140	140		20	2/10/2018	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	2/10/2018	109-99-9
Toluene	**10**	**10**	**38**	**38**		20	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	2/10/2018	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	2/10/2018	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.7	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	100	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N Tatum Blvd. ste. P 186	Sampler: Matt Williams Phone: 720-934-9043	18B013
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ. 85028	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	_____ 24 Hours _____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	_____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	_____ 5 working Day	I: indoor air
Total # of Containers:_____	_____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	1877	036	6 (1) bag	1 2 (5)	SV-09-90-20180210	02-10-18	853	S	1	✓							29.5		
MW	~~E2283~~	~~129~~	~~6 (1) bag~~	~~1 2 (5)~~	~~SV-09-100-20180210~~	~~02-10-18~~		~~S~~	~~1~~	~~✓~~									
02	1817	080	6 (1) bag	1 2 (5)	SV-09-80-20180209	02-09-18	1650	S	1	✓							57.9		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-10-18	1018	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

Dear Client:

Airtech Environmental Laboratories received one (1) sample for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B014-01	SV-09-100-20180210	TO-15	2/10/2018	1035

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/10/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B014-01	SV-09-100-20180210	E2283	1801-02	29.0	13.53	129	1712-12

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-100-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	2/10/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/10/2018	78-93-3
2-Hexanone	< 100	100	< 410	410		20	2/10/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/10/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/10/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/10/2018	67-64-1
Allyl chloride	< 20	20	< 63	63		20	2/10/2018	107-05-1
Benzene	< 10	10	< 32	32		20	2/10/2018	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	2/10/2018	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	2/10/2018	593-60-2
Bromoform	< 10	10	< 100	100		20	2/10/2018	75-25-2
Bromomethane	< 10	10	< 39	39		20	2/10/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/10/2018	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	2/10/2018	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	2/10/2018	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	2/10/2018	108-90-7
Chloroethane	< 10	10	< 26	26		20	2/10/2018	75-00-3
Chloroform	**109**	**10**	**531**	**49**		20	2/10/2018	67-66-3
Chloromethane	< 20	20	< 41	41		20	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	2/10/2018	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	2/10/2018	76-14-2
Ethanol	< 100	100	< 188	188		20	2/10/2018	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	2/10/2018	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-100-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**41**	**10**	**170**	**41**		20	2/10/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	2/10/2018	87-68-3
Hexane	**255**	**20**	**898**	**70**		20	2/10/2018	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	2/10/2018	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	2/10/2018	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	2/10/2018	108-87-2
Methylene chloride	< 40	40	< 140	140		20	2/10/2018	75-09-2
Naphthalene	< 100	100	< 524	520		20	2/10/2018	91-20-3
Nonane	< 20	20	< 110	110		20	2/10/2018	111-84-2
Octane	**27**	**20**	**130**	**93**		20	2/10/2018	111-65-9
o-Xylene	< 10	10	< 43	43		20	2/10/2018	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	2/10/2018	115-07-1
Propylbenzene	< 20	20	< 98	98		20	2/10/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	135-98-8
Styrene	< 10	10	< 43	43		20	2/10/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	98-06-6
Tetrachloroethene	< 20	20	< 140	140		20	2/10/2018	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	2/10/2018	109-99-9
Toluene	< 10	10	< 38	38		20	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	2/10/2018	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	2/10/2018	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	100	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec
Address: 11811 N Tatum Blvd. Ste. P186
City, State, Zip: Phoenix, AZ, 85028
Contact: Brian McNamara
Phone: 602-513-5816 Fax:
E-Mail Address: bmcnamara@geosyntec.com

Page 1 of 1
Sampler: Matt Williams Phone: 7209349043
Project Name: CVS Project Number: SP0158
Project location: 2406 E Thomas Rd
P.O. Number:
Fax Results: Y N
E-Mail Results: Y N

AEL Lab #: 18B014

Sample Receipt
Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request
_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
_____ Standard 10 Working Days

Sample Type
SVE: soil vapor extraction GW: ground water
A: ambient air WW: waste water
I: indoor air
S: soil vapor
W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	E2283	129	6 (1) bag	1 2 (5)	SV-09-100-20180210	02-10-18	1035	S	1	✓							342		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-10-18	1057	[signature]	[signature]
2-10-18	1120	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/9/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/9/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B012-01	SV-09-60-20180209	TO-15	2/9/2018	1314
18B012-02	SV-09-70-20180209	TO-15	2/9/2018	1449

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B012
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/09/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B012-01	SV-09-60-20180209	1816	1801-11	29.0	13.45	218	1712-05
18B012-02	SV-09-70-20180209	1860	1801-09	29.0	13.00	083	1712-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-60-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**6.9**	**2.5**	**22**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**28**	**2.5**	**140**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-60-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	**24**	**2.5**	**96**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**77**	**5.0**	**270**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	< 10	10	< 35	35		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	< 5.0	5.0	< 23	23		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**11**	**2.5**	**41**	**9**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-70-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	**26**	**25**	**78**	**74**		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**3.9**	**2.5**	**12**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	**13**	**2.5**	**84**	**17**		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**126**	**2.5**	**614**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-70-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	**13**	**2.5**	**52**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**35**	**5.0**	**120**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	**12**	**10**	**43**	**35**		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	**9.6**	**5.0**	**45**	**23**		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**13**	**2.5**	**50**	**9.4**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	99.9	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B012	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180130-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/30/2018
A-180202-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	5/2/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N. Tatum Blvd. Ste. P186	Sampler: Matt Williams Phone: 720-934-9043	183012
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ, 85028	Project location: 2406 E Thomas Rd	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
_____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water		PID	DFA tracer cmpd. as TIC
01	1816	218	6 (1) bag	1 2 (5)	SV-09-60-20180209	02-09-18	1314	S	1	/								11.4	
02	1860	083	6 (1) bag	1 2 (5)	SV-09-70-20180209	02-09-18	1449	S	1	/								7.2	
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-09-18	1606	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

Dear Client:

Airtech Environmental Laboratories received two (2) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B013-01	SV-09-90-20180210	TO-15	2/10/2018	0853
18B013-02	SV-09-80-20180209	TO-15	2/9/2018	1650

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B013
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/10/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B013-01	SV-09-90-20180210	1877	1801-08	29.0	13.23	036	1712-04
18B013-02	SV-09-80-20180209	1817	1801-09	29.0	11.76	080	1712-05

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-90-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 17	17		5	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 2.5	2.5	< 14	14		5	2/10/2018	79-00-5
1,1-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	75-34-3
1,1-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 10	10	< 74	74		5	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	95-63-6
1,2-Dibromoethane	< 2.5	2.5	< 19	19		5	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	95-50-1
1,2-Dichloroethane	< 2.5	2.5	< 10	10		5	2/10/2018	107-06-2
1,2-Dichloropropane	< 2.5	2.5	< 12	12		5	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-67-8
1,3-Butadiene	< 2.5	2.5	< 5.5	5.5		5	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 2.5	2.5	< 15	15		5	2/10/2018	106-46-7
1,4-Dioxane	< 10	10	< 36	36		5	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 2.5	2.5	< 12	12		5	2/10/2018	540-84-1
2-Butanone (MEK)	< 25	25	< 74	74		5	2/10/2018	78-93-3
2-Hexanone	< 25	25	< 100	100		5	2/10/2018	591-78-6
2-Propanol (IPA)	< 25	25	< 61	61		5	2/10/2018	67-63-0
4-Ethyltoluene	< 5.0	5.0	< 25	25		5	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 25	25	< 100	100		5	2/10/2018	108-10-1
Acetone	< 25	25	< 60	60		5	2/10/2018	67-64-1
Allyl chloride	< 5.0	5.0	< 16	16		5	2/10/2018	107-05-1
Benzene	**15**	**2.5**	**47**	**8.0**		5	2/10/2018	71-43-2
Benzyl chloride	< 10	10	< 52	52		5	2/10/2018	100-44-7
Bromodichloromethane	< 2.5	2.5	< 17	17		5	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 11	11		5	2/10/2018	593-60-2
Bromoform	< 2.5	2.5	< 26	26		5	2/10/2018	75-25-2
Bromomethane	< 2.5	2.5	< 10	10		5	2/10/2018	74-83-9
Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	104-51-8
Carbon disulfide	< 10	10	< 31	31		5	2/10/2018	75-15-0
Carbon tetrachloride	< 2.5	2.5	< 16	16		5	2/10/2018	56-23-5
Chlorobenzene	< 2.5	2.5	< 12	12		5	2/10/2018	108-90-7
Chloroethane	< 2.5	2.5	< 6.6	6.6		5	2/10/2018	75-00-3
Chloroform	**33**	**2.5**	**160**	**12**		5	2/10/2018	67-66-3
Chloromethane	< 5.0	5.0	< 10	10		5	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-01-5
Cyclohexane	< 2.5	2.5	< 8.6	8.6		5	2/10/2018	110-82-7
Dibromochloromethane	< 2.5	2.5	< 21	21		5	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 25	25		5	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 17	17		5	2/10/2018	76-14-2
Ethanol	< 25	25	< 47	47		5	2/10/2018	64-17-5
Ethyl Acetate	< 2.5	2.5	< 9.0	9.0		5	2/10/2018	141-78-6
Ethylbenzene	< 2.5	2.5	< 11	11		5	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-90-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**60**	**2.5**	**250**	**10**		5	2/10/2018	142-82-5
Hexachlorobutadiene	< 5.0	5.0	< 53	53		5	2/10/2018	87-68-3
Hexane	**247**	**5.0**	**868**	**18**		5	2/10/2018	110-54-3
Isopropylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	98-82-8
m&p-Xylene	< 5.0	5.0	< 22	22		5	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 10	10	< 36	36		5	2/10/2018	1634-04-4
Methylcyclohexane	< 5.0	5.0	< 20	20		5	2/10/2018	108-87-2
Methylene chloride	< 10	10	< 35	35		5	2/10/2018	75-09-2
Naphthalene	< 25	25	< 130	130		5	2/10/2018	91-20-3
Nonane	< 5.0	5.0	< 26	26		5	2/10/2018	111-84-2
Octane	**30**	**5.0**	**140**	**23**		5	2/10/2018	111-65-9
o-Xylene	< 2.5	2.5	< 11	11		5	2/10/2018	95-47-6
Propene (Propylene)	< 5.0	5.0	< 8.6	8.6		5	2/10/2018	115-07-1
Propylbenzene	< 5.0	5.0	< 25	25		5	2/10/2018	103-65-1
Sec-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	135-98-8
Styrene	< 2.5	2.5	< 11	11		5	2/10/2018	100-42-5
Tert-Butyl benzene	< 5.0	5.0	< 27	27		5	2/10/2018	98-06-6
Tetrachloroethene	< 5.0	5.0	< 34	34		5	2/10/2018	127-18-4
Tetrahydrofuran	< 10	10	< 30	30		5	2/10/2018	109-99-9
Toluene	**12**	**2.5**	**46**	**9.4**		5	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 2.5	2.5	< 10	10		5	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 2.5	2.5	< 11	11		5	2/10/2018	10061-02-6
Trichloroethene	< 2.5	2.5	< 13	13		5	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 14	14		5	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 19	19		5	2/10/2018	76-13-1
Vinyl acetate	< 2.5	2.5	< 8.8	8.8		5	2/10/2018	108-05-4
Vinyl chloride	< 2.5	2.5	< 6.4	6.4		5	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-80-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	2/10/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 300	300		20	2/10/2018	78-93-3
2-Hexanone	< 100	100	< 410	410		20	2/10/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 240	240		20	2/10/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/10/2018	108-10-1
Acetone	< 100	100	< 240	240		20	2/10/2018	67-64-1
Allyl chloride	< 20	20	< 63	63		20	2/10/2018	107-05-1
Benzene	**26**	**10**	**84**	**32**		20	2/10/2018	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	2/10/2018	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	2/10/2018	593-60-2
Bromoform	< 10	10	< 100	100		20	2/10/2018	75-25-2
Bromomethane	< 10	10	< 39	39		20	2/10/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/10/2018	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	2/10/2018	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	2/10/2018	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	2/10/2018	108-90-7
Chloroethane	< 10	10	< 26	26		20	2/10/2018	75-00-3
Chloroform	**53**	**10**	**260**	**49**		20	2/10/2018	67-66-3
Chloromethane	< 20	20	< 41	41		20	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	2/10/2018	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	2/10/2018	76-14-2
Ethanol	< 100	100	< 190	190		20	2/10/2018	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	2/10/2018	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-80-20180209
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	2/9/2018
Lab ID:	02	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**92**	**10**	**380**	**41**		20	2/10/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	2/10/2018	87-68-3
Hexane	**397**	**20**	**1,400**	**70**		20	2/10/2018	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	2/10/2018	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	2/10/2018	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	2/10/2018	108-87-2
Methylene chloride	< 40	40	< 140	140		20	2/10/2018	75-09-2
Naphthalene	< 100	100	< 520	520		20	2/10/2018	91-20-3
Nonane	< 20	20	< 110	110		20	2/10/2018	111-84-2
Octane	**21**	**20**	**97**	**93**		20	2/10/2018	111-65-9
o-Xylene	< 10	10	< 43	43		20	2/10/2018	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	2/10/2018	115-07-1
Propylbenzene	< 20	20	< 98	98		20	2/10/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	135-98-8
Styrene	< 10	10	< 43	43		20	2/10/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	98-06-6
Tetrachloroethene	< 20	20	< 140	140		20	2/10/2018	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	2/10/2018	109-99-9
Toluene	**10**	**10**	**38**	**38**		20	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	2/10/2018	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	2/10/2018	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	95.7	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	100	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B013	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec	Page 1 of 1	AEL Lab #
Address: 11811 N Tatum Blvd. ste. P 186	Sampler: Matt Williams Phone: 720-934-9043	18B013
	Project Name: CVS Project Number: SP0158	
City, State, Zip: Phoenix, AZ. 85028	Project location: 2406 E Thomas Rd.	
Contact: Brian McNamara	P.O. Number:	
Phone: 602-513-5816 Fax:	Fax Results: Y N	
E-Mail Address: bmcnamara@geosyntec.com	E-Mail Results: Y N	

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	_____ 24 Hours _____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	_____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	_____ 5 working Day	I: indoor air
Total # of Containers:_____	_____ Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	1877	036	6 (1) bag	1 2 (5)	SV-09-90-20180210	02-10-18	853	S	1	✓							29.5		
MW	~~E2283~~	~~129~~	~~6 (1) bag~~	~~1 2 (5)~~	~~SV-09-100-20180210~~	~~02-10-18~~		~~S~~	~~1~~	~~✓~~									
02	1817	080	6 (1) bag	1 2 (5)	SV-09-80-20180209	02-09-18	1650	S	1	✓							57.9		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-10-18	1018	[signature]	[signature]

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

Dear Client:

Airtech Environmental Laboratories received one (1) sample for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	2/10/2018

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
18B014-01	SV-09-100-20180210	TO-15	2/10/2018	1035

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 12, 2018

Client:	Brian McNamara	Work Order #:	18B014
Company:	Geosyntec	Project Name:	CVS
Address:	11811 N Tatum Blvd, Ste P-186	Project Number:	SP0158
	Phoenix, AZ 85028	Received Date:	02/10/18

Case Narrative

All samples and QC associated with your samples met the quality control objectives.
Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Vacuum	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
18B014-01	SV-09-100-20180210	E2283	1801-02	29.0	13.53	129	1712-12

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-100-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 69	69		20	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 10	10	< 55	55		20	2/10/2018	79-00-5
1,1-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	75-34-3
1,1-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 300	300		20	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	95-63-6
1,2-Dibromoethane	< 10	10	< 77	77		20	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	95-50-1
1,2-Dichloroethane	< 10	10	< 41	41		20	2/10/2018	107-06-2
1,2-Dichloropropane	< 10	10	< 46	46		20	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49	49		20	2/10/2018	108-67-8
1,3-Butadiene	< 10	10	< 22	22		20	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60	60		20	2/10/2018	106-46-7
1,4-Dioxane	< 40	40	< 140	140		20	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 10	10	< 47	47		20	2/10/2018	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/10/2018	78-93-3
2-Hexanone	< 100	100	< 410	410		20	2/10/2018	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/10/2018	67-63-0
4-Ethyltoluene	< 20	20	< 98	98		20	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/10/2018	108-10-1
Acetone	< 100	100	< 238	238		20	2/10/2018	67-64-1
Allyl chloride	< 20	20	< 63	63		20	2/10/2018	107-05-1
Benzene	< 10	10	< 32	32		20	2/10/2018	71-43-2
Benzyl chloride	< 40	40	< 210	210		20	2/10/2018	100-44-7
Bromodichloromethane	< 10	10	< 67	67		20	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 44	44		20	2/10/2018	593-60-2
Bromoform	< 10	10	< 100	100		20	2/10/2018	75-25-2
Bromomethane	< 10	10	< 39	39		20	2/10/2018	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/10/2018	104-51-8
Carbon disulfide	< 40	40	< 120	120		20	2/10/2018	75-15-0
Carbon tetrachloride	< 10	10	< 63	63		20	2/10/2018	56-23-5
Chlorobenzene	< 10	10	< 46	46		20	2/10/2018	108-90-7
Chloroethane	< 10	10	< 26	26		20	2/10/2018	75-00-3
Chloroform	**109**	**10**	**531**	**49**		20	2/10/2018	67-66-3
Chloromethane	< 20	20	< 41	41		20	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-01-5
Cyclohexane	< 10	10	< 34	34		20	2/10/2018	110-82-7
Dibromochloromethane	< 10	10	< 85	85		20	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99	99		20	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 70	70		20	2/10/2018	76-14-2
Ethanol	< 100	100	< 188	188		20	2/10/2018	64-17-5
Ethyl Acetate	< 10	10	< 36	36		20	2/10/2018	141-78-6
Ethylbenzene	< 10	10	< 43	43		20	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	SV-09-100-20180210
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	2/10/2018
Lab ID:	01	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**41**	**10**	**170**	**41**		20	2/10/2018	142-82-5
Hexachlorobutadiene	< 20	20	< 210	210		20	2/10/2018	87-68-3
Hexane	**255**	**20**	**898**	**70**		20	2/10/2018	110-54-3
Isopropylbenzene	< 20	20	< 98	98		20	2/10/2018	98-82-8
m&p-Xylene	< 20	20	< 87	87		20	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 40	40	< 140	140		20	2/10/2018	1634-04-4
Methylcyclohexane	< 20	20	< 80	80		20	2/10/2018	108-87-2
Methylene chloride	< 40	40	< 140	140		20	2/10/2018	75-09-2
Naphthalene	< 100	100	< 524	520		20	2/10/2018	91-20-3
Nonane	< 20	20	< 110	110		20	2/10/2018	111-84-2
Octane	**27**	**20**	**130**	**93**		20	2/10/2018	111-65-9
o-Xylene	< 10	10	< 43	43		20	2/10/2018	95-47-6
Propene (Propylene)	< 20	20	< 34	34		20	2/10/2018	115-07-1
Propylbenzene	< 20	20	< 98	98		20	2/10/2018	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	135-98-8
Styrene	< 10	10	< 43	43		20	2/10/2018	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/10/2018	98-06-6
Tetrachloroethene	< 20	20	< 140	140		20	2/10/2018	127-18-4
Tetrahydrofuran	< 40	40	< 120	120		20	2/10/2018	109-99-9
Toluene	< 10	10	< 38	38		20	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45	45		20	2/10/2018	10061-02-6
Trichloroethene	< 10	10	< 54	54		20	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56	56		20	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 77	77		20	2/10/2018	76-13-1
Vinyl acetate	< 10	10	< 35	35		20	2/10/2018	108-05-4
Vinyl chloride	< 10	10	< 26	26		20	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	98.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/10/2018	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/10/2018	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/10/2018	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/10/2018	120-82-1
1,2,4-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/10/2018	106-93-4
1,2-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/10/2018	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/10/2018	78-87-5
1,3,5-Trimethylbenzene	< 0.5	0.5	< 2.46	2.46		1	2/10/2018	108-67-8
1,3-Butadiene	< 0.5	0.5	< 1.11	1.11		1	2/10/2018	106-99-0
1,3-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	541-73-1
1,4-Dichlorobenzene	< 0.5	0.5	< 3.01	3.01		1	2/10/2018	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/10/2018	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/10/2018	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/10/2018	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/10/2018	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/10/2018	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/10/2018	67-64-1
Allyl chloride	< 1.0	1.0	< 3.13	3.13		1	2/10/2018	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/10/2018	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/10/2018	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/10/2018	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/10/2018	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/10/2018	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/10/2018	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/10/2018	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/10/2018	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/10/2018	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/10/2018	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/10/2018	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/10/2018	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/10/2018	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/10/2018	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/10/2018	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/10/2018	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/10/2018	64-17-5
Ethyl Acetate	< 0.5	0.5	< 1.80	1.80		1	2/10/2018	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010210 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/10/2018	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/10/2018	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/10/2018	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/10/2018	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/10/2018	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/10/2018	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/10/2018	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/10/2018	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/10/2018	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/10/2018	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/10/2018	95-47-6
Propene (Propylene)	< 1.0	1.0	< 1.72	1.72		1	2/10/2018	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/10/2018	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/10/2018	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/10/2018	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/10/2018	127-18-4
Tetrahydrofuran	< 2.0	2.0	< 5.90	5.90		1	2/10/2018	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/10/2018	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/10/2018	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/10/2018	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/10/2018	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/10/2018	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/10/2018	76-13-1
Vinyl acetate	< 0.5	0.5	< 1.76	1.76		1	2/10/2018	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/10/2018	75-01-4
Surr: 4-Bromofluorobenzene	94.0	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.5	105	10.8	108	10.0	2.3	ppbv			
Dichlorodifluoromethane(F-12)	9.6	96.3	9.8	98.0	10.0	1.7	ppbv			
Chloromethane	8.9	88.5	9.3	93.2	10.0	5.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.7	87.3	9.1	90.7	10.0	3.8	ppbv			
Vinyl Chloride	9.1	91.0	9.5	95.0	10.0	4.3	ppbv			
1,3-Butadiene	8.5	85.2	8.8	88.2	10.0	3.5	ppbv			
Bromomethane	8.5	84.9	8.7	86.7	10.0	2.1	ppbv			
Chloroethane	9.9	98.5	10.2	102	10.0	3.4	ppbv			
Ethanol	8.4	83.6	7.7	76.5	10.0	8.9	ppbv			
Bromoethene(Vinyl Bromide)	9.4	94.0	9.2	92.3	10.0	1.8	ppbv			
Trichlorofluoromethane (F-11)	8.8	87.9	8.9	89.0	10.0	1.2	ppbv			
Acetone	9.2	91.7	8.7	86.6	10.0	5.7	ppbv			
Isopropyl Alcohol (2-Propanol)	9.5	95.2	9.4	93.9	10.0	1.4	ppbv			
1,1-Dichloroethene	9.0	89.9	8.9	89.2	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.1	8.9	89.4	10.0	2.6	ppbv			
Methylene Chloride	8.3	83.0	8.4	83.6	10.0	0.7	ppbv			
Allyl Chloride	8.8	88.2	8.8	88.3	10.0	0.1	ppbv			
Carbon disulfide	9.1	90.7	9.1	91.0	10.0	0.3	ppbv			
trans-1,2-Dichloroethene	8.8	87.5	9.0	89.6	10.0	2.4	ppbv			
Methyl tert-butyl ether	9.0	90.0	9.0	90.2	10.0	0.2	ppbv			
1,1-Dichloroethane	8.7	87.3	8.7	86.9	10.0	0.5	ppbv			
Vinyl acetate	9.6	95.5	9.7	97.1	10.0	1.7	ppbv			
2-Butanone (MEK)	8.9	89.2	8.6	86.1	10.0	3.5	ppbv			
Hexane	9.5	94.7	9.8	97.7	10.0	3.1	ppbv			
cis-1,2-Dichloroethene	9.1	90.6	9.1	91.3	10.0	0.8	ppbv			
Ethyl Acetate	9.5	94.5	9.2	92.3	10.0	2.4	ppbv			
Chloroform	8.7	86.7	8.8	88.1	10.0	1.6	ppbv			
Tetrahydrofuran	9.4	94.4	9.6	95.8	10.0	1.5	ppbv			
1,1,1-Trichloroethane	8.8	88.0	9.0	89.6	10.0	1.8	ppbv			
1,2-Dichloroethane	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Benzene	8.5	85.4	8.6	85.8	10.0	0.5	ppbv			
Carbon tetrachloride	8.9	88.8	9.0	89.7	10.0	1.0	ppbv			
Cyclohexane	8.9	89.3	9.0	89.8	10.0	0.6	ppbv			
2,2,4-Trimethylpentane	8.8	87.9	8.7	86.7	10.0	1.4	ppbv			
Heptane	9.0	90.0	8.7	87.4	10.0	2.9	ppbv			
1,2-Dichloropropane	7.9	79.1	8.1	80.7	10.0	2.0	ppbv			
Trichloroethene	8.8	88.3	9.0	90.1	10.0	2.0	ppbv			
Bromodichloromethane	9.0	90.2	9.0	90.2	10.0	0.0	ppbv			
1,4-Dioxane	8.5	84.8	8.4	84.1	10.0	0.8	ppbv			
Methylcyclohexane	9.4	94.0	8.9	88.7	10.0	5.8	ppbv			
cis-1,3-Dichloropropene	9.2	91.7	9.1	91.3	10.0	0.4	ppbv			
4-methyl-2-pentanone	8.6	85.9	8.9	89.2	10.0	3.8	ppbv			
trans-1,3-Dichloropropene	9.6	95.6	9.5	94.9	10.0	0.7	ppbv			
Toluene	7.9	79.2	7.8	77.8	10.0	1.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	N/A
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/10/2018 Batch: MS010210 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.4	8.5	85.1	10.0	1.5	ppbv			
2-Hexanone	9.5	95.2	10.0	100	10.0	4.8	ppbv			
n-Octane	9.0	90.2	9.0	89.6	10.0	0.7	ppbv			
Dibromochloromethane	9.5	94.8	9.4	94.0	10.0	0.8	ppbv			
1,2-Dibromoethane	9.1	91.1	9.0	89.8	10.0	1.4	ppbv			
Tetrachloroethene	8.9	89.2	8.8	88.1	10.0	1.2	ppbv			
Chlorobenzene	8.7	87.2	8.7	86.5	10.0	0.8	ppbv			
Ethylbenzene	9.1	90.5	9.0	89.6	10.0	1.0	ppbv			
m&p-Xylene	18.0	90.2	18.1	90.3	20.0	0.1	ppbv			
Bromoform	9.8	98.2	9.8	98.3	10.0	0.1	ppbv			
Styrene	9.2	92.0	9.3	92.6	10.0	0.7	ppbv			
Nonane	9.0	90.4	8.9	89.3	10.0	1.2	ppbv			
o-Xylene	8.6	86.3	8.6	86.1	10.0	0.2	ppbv			
1,1,2,2-Tetrachloroethane	9.4	93.5	9.2	92.4	10.0	1.2	ppbv			
Isopropylbenzene	9.8	98.0	9.8	98.3	10.0	0.3	ppbv			
n-Propylbenzene	10.1	101	10.1	101	10.0	0.2	ppbv			
4-Ethyltoluene	10.6	106	10.7	107	10.0	0.1	ppbv			
1,3,5-Trimethylbenzene	9.5	95.4	9.6	96.3	10.0	0.9	ppbv			
Tert-Butyl Benzene	9.6	95.6	9.5	95.4	10.0	0.2	ppbv			
1,2,4-Trimethylbenzene	9.5	95.0	9.5	95.4	10.0	0.4	ppbv			
Sec-Butyl Benzene	10.2	102	10.1	101	10.0	1.0	ppbv			
1,3-Dichlorobenzene	9.1	91.3	9.4	93.5	10.0	2.4	ppbv			
Benzyl chloride	11.2	112	11.4	114	10.0	2.2	ppbv			
1,4-Dichlorobenzene	9.6	96.0	9.7	96.5	10.0	0.5	ppbv			
1,2-Dichlorobenzene	9.7	97.2	9.7	97.0	10.0	0.2	ppbv			
n-Butyl Benzene	10.7	107	10.8	108	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	10.9	109	11.2	112	10.0	2.7	ppbv			
Naphthalene	10.4	104	10.7	107	10.0	3.4	ppbv			
Hexachlorobutadiene	9.8	98.0	9.8	97.6	10.0	0.4	ppbv			
Surr: 4-Bromofluorobenzene	10.0	100	10.0	100			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Geosyntec	**Client Sample ID:**	NA
Project:	CVS	**Project Number:**	SP0158
Lab Order:	18B014	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-170623-01	Stock	Spectra Gases	113123527	TO-14 39 Analytes	1.0 ppmv	± 5%	6/23/2018
S-170824-01	Stock	Spectra Gases	113123527	TO-15 25 Analytes	1.0 ppmv	± 5%	8/24/2018
S-170623-02	Stock	Spectra Gases	113123527	15 Additional Compounds	1.0 ppmv	± 5%	6/23/2018
S-171019-01	Stock	Spectra Gases	114560630	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/19/2018
A-180122-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	4/22/2018
A-180108-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/8/2018

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer: Geosyntec
Address: 11811 N Tatum Blvd. Ste. P186
City, State, Zip: Phoenix, AZ, 85028
Contact: Brian McNamara
Phone: 602-513-5816 Fax:
E-Mail Address: bmcnamara@geosyntec.com

Page 1 of 1
Sampler: Matt Williams Phone: 7209349043
Project Name: CVS Project Number: SP0158
Project location: 2406 E Thomas Rd
P.O. Number:
Fax Results: Y N
E-Mail Results: Y N

AEL Lab #: 18B014

Sample Receipt
Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request
_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
_____ Standard 10 Working Days

Sample Type
SVE: soil vapor extraction GW: ground water
A: ambient air WW: waste water
I: indoor air
S: soil vapor
W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	PID		DFA tracer cmpd. as TIC
01	E2283	129	6 (1) bag	1 2 (5)	SV-09-100-20180210	02-10-18	1035	S	1	✓							342		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
02-10-18	1057	[signature]	[signature]
2-10-18	1120	[signature]	[signature]

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Phoenix
4625 East Cotton Ctr Blvd
Suite 189
Phoenix, AZ 85040
Tel: (602)437-3340

TestAmerica Job ID: 550-97485-1
Client Project/Site: SP0158

For:
Geosyntec Consultants, Inc.
11811 N Tatum Blvd
Ste P186
Phoenix, Arizona 85028

Attn: Brian McNamara

Authorized for release by:
2/12/2018 10:01:22 AM

Mary Hamilton, Project Manager I
(602)437-3340
mary.hamilton@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 550-97485-1

Laboratory: TestAmerica Phoenix

Narrative

Job Narrative
550-97485-1

Comments
No additional comments.

Receipt
The samples were received on 2/6/2018 5:26 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-97485-1	SVE-07-60-20180205	Solid	02/05/18 17:30	02/06/18 17:26
550-97485-2	SVE-07-70-20180206	Solid	02/06/18 10:26	02/06/18 17:26
550-97485-3	SVE-07-80-20180206	Solid	02/06/18 12:20	02/06/18 17:26
550-97485-4	SVE-07-90-20180206	Solid	02/06/18 13:55	02/06/18 17:26
550-97485-5	SVE-07-100-20180206	Solid	02/06/18 15:45	02/06/18 17:26

Detection Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-60-20180205 — Lab Sample ID: 550-97485-1

No Detections.

Client Sample ID: SVE-07-70-20180206 — Lab Sample ID: 550-97485-2

No Detections.

Client Sample ID: SVE-07-80-20180206 — Lab Sample ID: 550-97485-3

No Detections.

Client Sample ID: SVE-07-90-20180206 — Lab Sample ID: 550-97485-4

No Detections.

Client Sample ID: SVE-07-100-20180206 — Lab Sample ID: 550-97485-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-60-20180205

Date Collected: 02/05/18 17:30
Date Received: 02/06/18 17:26

Lab Sample ID: 550-97485-1

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,1,1-Trichloroethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,1,2,2-Tetrachloroethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,1,2-Trichloroethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,1-Dichloroethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,1-Dichloroethene	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,1-Dichloropropene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2,3-Trichlorobenzene	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2,3-Trichloropropane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2,4-Trichlorobenzene	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2,4-Trimethylbenzene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2-Dibromo-3-Chloropropane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2-Dibromoethane (EDB)	ND		0.027		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2-Dichlorobenzene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2-Dichloroethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,2-Dichloropropane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,3,5-Trimethylbenzene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,3-Dichlorobenzene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,3-Dichloropropane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
1,4-Dichlorobenzene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
2,2-Dichloropropane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
2-Butanone (MEK)	ND		0.54		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
2-Chlorotoluene	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
2-Hexanone	ND		0.54		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
4-Chlorotoluene	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.54		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Acetone	ND		1.1		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Benzene	ND		0.054		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Bromobenzene	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Bromochloromethane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Bromodichloromethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Bromoform	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Bromomethane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Carbon disulfide	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Carbon tetrachloride	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Chlorobenzene	ND		0.054		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Chloroethane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Chloroform	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Chloromethane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
cis-1,2-Dichloroethene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
cis-1,3-Dichloropropene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Chlorodibromomethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Dibromomethane	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Dichlorodifluoromethane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Ethylbenzene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Hexachlorobutadiene	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Iodomethane	ND		0.27		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Isopropylbenzene	ND		0.11		mg/Kg		02/05/18 07:30	02/08/18 15:42	1
m,p-Xylenes	ND		0.16		mg/Kg		02/05/18 07:30	02/08/18 15:42	1

Client Sample ID: SVE-07-60-20180205

Lab Sample ID: 550-97485-1
Date Collected: 02/05/18 17:30
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.54	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Methyl tert-butyl ether	ND		0.054	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Naphthalene	ND		0.27	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
n-Butylbenzene	ND		0.27	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
n-Propylbenzene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
o-Xylene	ND		0.16	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
sec-Butylbenzene	ND		0.27	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Styrene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
tert-Butylbenzene	ND		0.27	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Tetrachloroethene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Toluene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Trichloroethene	ND		0.11	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Trichlorofluoromethane	ND		0.27	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Vinyl acetate	ND		1.3	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Vinyl chloride	ND		0.054	mg/Kg		02/05/18 07:30	02/08/18 15:42	1
Xylenes, Total	ND		0.32	mg/Kg		02/05/18 07:30	02/08/18 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*64*		*34.7 - 143*	*02/05/18 07:30*	*02/08/18 15:42*	*1*
Toluene-d8 (Surr)	*62*		*39.1 - 145*	*02/05/18 07:30*	*02/08/18 15:42*	*1*
4-Bromofluorobenzene (Surr)	*60*		*38.2 - 149*	*02/05/18 07:30*	*02/08/18 15:42*	*1*

Client Sample ID: SVE-07-70-20180206

Lab Sample ID: 550-97485-2
Date Collected: 02/06/18 10:26
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.30	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,1,1-Trichloroethane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,1,2-Trichloroethane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,1-Dichloroethane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,1-Dichloroethene	ND		0.30	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,1-Dichloropropene	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2,3-Trichlorobenzene	ND		0.30	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2,3-Trichloropropane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2,4-Trichlorobenzene	ND		0.30	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2,4-Trimethylbenzene	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2-Dibromo-3-Chloropropane	ND		0.30	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2-Dibromoethane (EDB)	ND		0.030	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2-Dichlorobenzene	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2-Dichloroethane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,2-Dichloropropane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,3,5-Trimethylbenzene	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,3-Dichlorobenzene	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1
1,3-Dichloropropane	ND		0.12	mg/Kg		02/06/18 10:26	02/08/18 16:14	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-70-20180206

Date Collected: 02/06/18 10:26
Date Received: 02/06/18 17:26

Lab Sample ID: 550-97485-2

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
2,2-Dichloropropane	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
2-Butanone (MEK)	ND		0.60		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
2-Chlorotoluene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
2-Hexanone	ND		0.60		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
4-Chlorotoluene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.60		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Acetone	ND		1.2		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Benzene	ND		0.060		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Bromobenzene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Bromochloromethane	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Bromodichloromethane	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Bromoform	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Bromomethane	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Carbon disulfide	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Carbon tetrachloride	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Chlorobenzene	ND		0.060		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Chloroethane	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Chloroform	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Chloromethane	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
cis-1,2-Dichloroethene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
cis-1,3-Dichloropropene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Chlorodibromomethane	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Dibromomethane	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Dichlorodifluoromethane	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Ethylbenzene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Hexachlorobutadiene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Iodomethane	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Isopropylbenzene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
m,p-Xylenes	ND		0.18		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Methylene Chloride	ND		0.60		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Methyl tert-butyl ether	ND		0.060		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Naphthalene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
n-Butylbenzene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
n-Propylbenzene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
o-Xylene	ND		0.18		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
p-Isopropyltoluene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
sec-Butylbenzene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Styrene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
tert-Butylbenzene	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Tetrachloroethene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Toluene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
trans-1,2-Dichloroethene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
trans-1,3-Dichloropropene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Trichloroethene	ND		0.12		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Trichlorofluoromethane	ND		0.30		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Vinyl acetate	ND		1.5		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Vinyl chloride	ND		0.060		mg/Kg		02/06/18 10:26	02/08/18 16:14	1
Xylenes, Total	ND		0.36		mg/Kg		02/06/18 10:26	02/08/18 16:14	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-70-20180206

Lab Sample ID: 550-97485-2
Date Collected: 02/06/18 10:26
Matrix: Solid
Date Received: 02/06/18 17:26

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*62*		*34.7 - 143*	*02/06/18 10:26*	*02/08/18 16:14*	*1*
Toluene-d8 (Surr)	*58*		*39.1 - 145*	*02/06/18 10:26*	*02/08/18 16:14*	*1*
4-Bromofluorobenzene (Surr)	*55*		*38.2 - 149*	*02/06/18 10:26*	*02/08/18 16:14*	*1*

Client Sample ID: SVE-07-80-20180206

Lab Sample ID: 550-97485-3
Date Collected: 02/06/18 12:20
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,1-Dichloroethene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2,3-Trichlorobenzene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2,4-Trichlorobenzene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2-Dibromo-3-Chloropropane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2-Dibromoethane (EDB)	ND		0.026	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
2-Butanone (MEK)	ND		0.53	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
2-Chlorotoluene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
2-Hexanone	ND		0.53	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
4-Chlorotoluene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		0.53	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Acetone	ND		1.1	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Benzene	ND		0.053	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Bromobenzene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Bromochloromethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Bromodichloromethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Bromoform	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Bromomethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Carbon disulfide	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Carbon tetrachloride	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Chlorobenzene	ND		0.053	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Chloroethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Chloroform	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Chloromethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-80-20180206

Lab Sample ID: 550-97485-3
Date Collected: 02/06/18 12:20
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Dibromomethane	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Dichlorodifluoromethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Ethylbenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Hexachlorobutadiene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Iodomethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Isopropylbenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
m,p-Xylenes	ND		0.16	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Methylene Chloride	ND		0.53	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Methyl tert-butyl ether	ND		0.053	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Naphthalene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
n-Butylbenzene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
n-Propylbenzene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
o-Xylene	ND		0.16	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
sec-Butylbenzene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Styrene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
tert-Butylbenzene	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Tetrachloroethene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Toluene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Trichloroethene	ND		0.11	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Trichlorofluoromethane	ND		0.26	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Vinyl acetate	ND		1.3	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Vinyl chloride	ND		0.053	mg/Kg		02/06/18 12:20	02/08/18 16:45	1
Xylenes, Total	ND		0.32	mg/Kg		02/06/18 12:20	02/08/18 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*67*		*34.7 - 143*	*02/06/18 12:20*	*02/08/18 16:45*	*1*
Toluene-d8 (Surr)	*65*		*39.1 - 145*	*02/06/18 12:20*	*02/08/18 16:45*	*1*
4-Bromofluorobenzene (Surr)	*62*		*38.2 - 149*	*02/06/18 12:20*	*02/08/18 16:45*	*1*

Client Sample ID: SVE-07-90-20180206

Lab Sample ID: 550-97485-4
Date Collected: 02/06/18 13:55
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.27	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,1-Dichloroethene	ND		0.27	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2,3-Trichlorobenzene	ND		0.27	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2,4-Trichlorobenzene	ND		0.27	mg/Kg		02/06/18 13:55	02/08/18 17:16	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-90-20180206

Lab Sample ID: 550-97485-4

Date Collected: 02/06/18 13:55
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2-Dibromo-3-Chloropropane	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2-Dibromoethane (EDB)	ND		0.027		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2-Dichlorobenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2-Dichloroethane	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,2-Dichloropropane	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,3,5-Trimethylbenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,3-Dichlorobenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,3-Dichloropropane	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
1,4-Dichlorobenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
2,2-Dichloropropane	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
2-Butanone (MEK)	ND		0.54		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
2-Chlorotoluene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
2-Hexanone	ND		0.54		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
4-Chlorotoluene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
4-Methyl-2-pentanone (MIBK)	ND		0.54		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Acetone	ND		1.1		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Benzene	ND		0.054		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Bromobenzene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Bromochloromethane	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Bromodichloromethane	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Bromoform	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Bromomethane	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Carbon disulfide	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Carbon tetrachloride	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Chlorobenzene	ND		0.054		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Chloroethane	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Chloroform	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Chloromethane	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
cis-1,2-Dichloroethene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
cis-1,3-Dichloropropene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Chlorodibromomethane	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Dibromomethane	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Dichlorodifluoromethane	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Ethylbenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Hexachlorobutadiene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Iodomethane	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Isopropylbenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
m,p-Xylenes	ND		0.16		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Methylene Chloride	ND		0.54		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Methyl tert-butyl ether	ND		0.054		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Naphthalene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
n-Butylbenzene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
n-Propylbenzene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
o-Xylene	ND		0.16		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
p-Isopropyltoluene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
sec-Butylbenzene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Styrene	ND		0.11		mg/Kg		02/06/18 13:55	02/08/18 17:16	1
tert-Butylbenzene	ND		0.27		mg/Kg		02/06/18 13:55	02/08/18 17:16	1

Client Sample ID: SVE-07-90-20180206

Lab Sample ID: 550-97485-4
Date Collected: 02/06/18 13:55
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Toluene	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Trichloroethene	ND		0.11	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Trichlorofluoromethane	ND		0.27	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Vinyl acetate	ND		1.3	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Vinyl chloride	ND		0.054	mg/Kg		02/06/18 13:55	02/08/18 17:16	1
Xylenes, Total	ND		0.32	mg/Kg		02/06/18 13:55	02/08/18 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*61*		*34.7 - 143*	*02/06/18 13:55*	*02/08/18 17:16*	*1*
Toluene-d8 (Surr)	*59*		*39.1 - 145*	*02/06/18 13:55*	*02/08/18 17:16*	*1*
4-Bromofluorobenzene (Surr)	*57*		*38.2 - 149*	*02/06/18 13:55*	*02/08/18 17:16*	*1*

Client Sample ID: SVE-07-100-20180206

Lab Sample ID: 550-97485-5
Date Collected: 02/06/18 15:45
Matrix: Solid
Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,1-Dichloroethene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2,3-Trichlorobenzene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2,4-Trichlorobenzene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2-Dibromo-3-Chloropropane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2-Dibromoethane (EDB)	ND		0.027	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
2-Butanone (MEK)	ND		0.53	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
2-Chlorotoluene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
2-Hexanone	ND		0.53	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
4-Chlorotoluene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.53	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Acetone	ND		1.1	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Benzene	ND		0.053	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Bromobenzene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-100-20180206

Lab Sample ID: 550-97485-5

Date Collected: 02/06/18 15:45

Matrix: Solid

Date Received: 02/06/18 17:26

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Bromodichloromethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Bromoform	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Bromomethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Carbon disulfide	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Carbon tetrachloride	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Chlorobenzene	ND		0.053	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Chloroethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Chloroform	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Chloromethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Dibromomethane	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Dichlorodifluoromethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Ethylbenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Hexachlorobutadiene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Iodomethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Isopropylbenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
m,p-Xylenes	ND		0.16	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Methylene Chloride	ND		0.53	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Methyl tert-butyl ether	ND		0.053	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Naphthalene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
n-Butylbenzene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
n-Propylbenzene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
o-Xylene	ND		0.16	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
sec-Butylbenzene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Styrene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
tert-Butylbenzene	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Tetrachloroethene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Toluene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Trichloroethene	ND		0.11	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Trichlorofluoromethane	ND		0.27	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Vinyl acetate	ND		1.3	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Vinyl chloride	ND		0.053	mg/Kg		02/06/18 15:45	02/08/18 17:48	1
Xylenes, Total	ND		0.32	mg/Kg		02/06/18 15:45	02/08/18 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*63*		*34.7 - 143*	*02/06/18 15:45*	*02/08/18 17:48*	*1*
Toluene-d8 (Surr)	*58*		*39.1 - 145*	*02/06/18 15:45*	*02/08/18 17:48*	*1*
4-Bromofluorobenzene (Surr)	*55*		*38.2 - 149*	*02/06/18 15:45*	*02/08/18 17:48*	*1*

Surrogate Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	**Client Sample ID**	**(34.7-143)**	**(39.1-145)**	**(38.2-149)**
550-97349-C-1-I MS	Matrix Spike	51	49	48
550-97349-C-1-J MSD	Matrix Spike Duplicate	49	49	47
550-97485-1	SVE-07-60-20180205	64	62	60
550-97485-2	SVE-07-70-20180206	62	58	55
550-97485-3	SVE-07-80-20180206	67	65	62
550-97485-4	SVE-07-90-20180206	61	59	57
550-97485-5	SVE-07-100-20180206	63	58	55
LCS 550-139012/2-A	Lab Control Sample	51	49	49
LCSD 550-139012/3-A	Lab Control Sample Dup	51	50	51
MB 550-139012/1-A	Method Blank	56	54	53

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-139012/1-A
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139012

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,1,1-Trichloroethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,1,2,2-Tetrachloroethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,1,2-Trichloroethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,1-Dichloroethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,1-Dichloroethene	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,1-Dichloropropene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2,3-Trichlorobenzene	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2,4-Trichlorobenzene	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2,4-Trimethylbenzene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2-Dibromo-3-Chloropropane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2-Dibromoethane (EDB)	ND		0.025		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2-Dichlorobenzene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2-Dichloroethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,2-Dichloropropane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,3,5-Trimethylbenzene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,3-Dichlorobenzene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,3-Dichloropropane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
1,4-Dichlorobenzene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
2,2-Dichloropropane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
2-Butanone (MEK)	ND		0.50		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
2-Chlorotoluene	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
2-Hexanone	ND		0.50		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
4-Chlorotoluene	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.50		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Acetone	ND		1.0		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Benzene	ND		0.050		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Bromobenzene	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Bromochloromethane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Bromodichloromethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Bromoform	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Bromomethane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Carbon disulfide	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Carbon tetrachloride	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Chlorobenzene	ND		0.050		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Chloroethane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Chloroform	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Chloromethane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
cis-1,2-Dichloroethene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
cis-1,3-Dichloropropene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Chlorodibromomethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Dibromomethane	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Dichlorodifluoromethane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Ethylbenzene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Hexachlorobutadiene	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Iodomethane	ND		0.25		mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Isopropylbenzene	ND		0.10		mg/Kg		02/07/18 10:18	02/08/18 09:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-139012/1-A
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139012

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	ND		0.15	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Methylene Chloride	ND		0.50	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Methyl tert-butyl ether	ND		0.050	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Naphthalene	ND		0.25	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
n-Butylbenzene	ND		0.25	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
n-Propylbenzene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
o-Xylene	ND		0.15	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
p-Isopropyltoluene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
sec-Butylbenzene	ND		0.25	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Styrene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
tert-Butylbenzene	ND		0.25	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Tetrachloroethene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Toluene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
trans-1,2-Dichloroethene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
trans-1,3-Dichloropropene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Trichloroethene	ND		0.10	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Trichlorofluoromethane	ND		0.25	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Vinyl acetate	ND		1.3	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Vinyl chloride	ND		0.050	mg/Kg		02/07/18 10:18	02/08/18 09:29	1
Xylenes, Total	ND		0.30	mg/Kg		02/07/18 10:18	02/08/18 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*56*		*34.7 - 143*	*02/07/18 10:18*	*02/08/18 09:29*	*1*
Toluene-d8 (Surr)	*54*		*39.1 - 145*	*02/07/18 10:18*	*02/08/18 09:29*	*1*
4-Bromofluorobenzene (Surr)	*53*		*38.2 - 149*	*02/07/18 10:18*	*02/08/18 09:29*	*1*

Lab Sample ID: LCS 550-139012/2-A
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	1.25	1.33		mg/Kg		107	79 - 110
1,1,1-Trichloroethane	1.25	1.25		mg/Kg		100	71 - 117
1,1,2,2-Tetrachloroethane	1.25	1.11		mg/Kg		89	68 - 123
1,1,2-Trichloroethane	1.25	1.21		mg/Kg		97	76 - 110
1,1-Dichloroethane	1.25	1.26		mg/Kg		102	76 - 113
1,1-Dichloroethene	1.25	1.20		mg/Kg		96	68 - 115
1,1-Dichloropropene	1.25	1.22		mg/Kg		98	74 - 115
1,2,3-Trichlorobenzene	1.25	1.28		mg/Kg		103	73 - 127
1,2,3-Trichloropropane	1.25	1.17		mg/Kg		94	65 - 128
1,2,4-Trichlorobenzene	1.25	1.27		mg/Kg		102	77 - 123
1,2,4-Trimethylbenzene	1.25	1.23		mg/Kg		99	78 - 120
1,2-Dibromo-3-Chloropropane	1.25	1.21		mg/Kg		97	48 - 142
1,2-Dibromoethane (EDB)	1.25	1.24		mg/Kg		100	80 - 113
1,2-Dichlorobenzene	1.25	1.26		mg/Kg		102	80 - 113
1,2-Dichloroethane	1.25	1.27		mg/Kg		102	71 - 119
1,2-Dichloropropane	1.25	1.26		mg/Kg		101	79 - 116
1,3,5-Trimethylbenzene	1.25	1.25		mg/Kg		100	77 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139012/2-A
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	1.25	1.23		mg/Kg		99	80 - 110
1,3-Dichloropropane	1.25	1.23		mg/Kg		99	80 - 113
1,4-Dichlorobenzene	1.25	1.22		mg/Kg		98	79 - 108
2,2-Dichloropropane	1.25	1.22		mg/Kg		98	51 - 122
2-Butanone (MEK)	1.25	0.638		mg/Kg		51	11 - 150
2-Chlorotoluene	1.25	1.20		mg/Kg		96	74 - 114
2-Hexanone	1.25	0.765		mg/Kg		61	22 - 150
4-Chlorotoluene	1.25	1.06		mg/Kg		85	70 - 101
4-Methyl-2-pentanone (MIBK)	1.25	0.918		mg/Kg		74	50 - 141
Acetone	1.25	0.843	E4	mg/Kg		68	10 - 150
Benzene	1.25	1.21		mg/Kg		97	81 - 107
Bromobenzene	1.25	1.27		mg/Kg		102	80 - 115
Bromochloromethane	1.25	1.30		mg/Kg		104	79 - 113
Bromodichloromethane	1.25	1.27		mg/Kg		102	74 - 108
Bromoform	1.25	1.19		mg/Kg		96	70 - 113
Bromomethane	1.25	1.06		mg/Kg		86	52 - 132
Carbon disulfide	1.25	1.17		mg/Kg		94	48 - 142
Carbon tetrachloride	1.25	1.30		mg/Kg		104	69 - 114
Chlorobenzene	1.25	1.27		mg/Kg		102	81 - 108
Chloroethane	1.25	1.14		mg/Kg		91	58 - 129
Chloroform	1.25	1.26		mg/Kg		102	77 - 111
Chloromethane	1.25	0.931		mg/Kg		75	41 - 109
cis-1,2-Dichloroethene	1.25	1.17		mg/Kg		94	79 - 109
cis-1,3-Dichloropropene	1.25	1.26		mg/Kg		101	79 - 112
Chlorodibromomethane	1.25	1.30		mg/Kg		105	77 - 112
Dibromomethane	1.25	1.21		mg/Kg		97	78 - 110
Dichlorodifluoromethane	1.25	0.743		mg/Kg		60	28 - 100
Ethylbenzene	1.25	1.25		mg/Kg		100	82 - 113
Hexachlorobutadiene	1.25	1.40		mg/Kg		112	79 - 129
Iodomethane	1.25	1.30		mg/Kg		104	61 - 125
Isopropylbenzene	1.25	1.18		mg/Kg		95	76 - 119
m,p-Xylenes	1.25	1.27		mg/Kg		102	81 - 116
Methylene Chloride	1.25	1.16		mg/Kg		93	68 - 115
Methyl tert-butyl ether	1.25	1.25		mg/Kg		100	72 - 125
Naphthalene	1.25	1.07		mg/Kg		86	69 - 130
n-Butylbenzene	1.25	1.20		mg/Kg		96	75 - 124
n-Propylbenzene	1.25	1.20		mg/Kg		96	75 - 119
o-Xylene	1.25	1.27		mg/Kg		102	82 - 114
p-Isopropyltoluene	1.25	1.24		mg/Kg		100	78 - 118
sec-Butylbenzene	1.25	1.25		mg/Kg		100	79 - 125
Styrene	1.25	1.30		mg/Kg		105	81 - 120
tert-Butylbenzene	1.25	1.23		mg/Kg		99	75 - 120
Tetrachloroethene	1.25	1.34		mg/Kg		107	76 - 111
Toluene	1.25	1.22		mg/Kg		98	82 - 111
trans-1,2-Dichloroethene	1.25	1.24		mg/Kg		99	74 - 113
trans-1,3-Dichloropropene	1.25	1.22		mg/Kg		98	72 - 110
Trichloroethene	1.25	1.31		mg/Kg		105	78 - 110
Trichlorofluoromethane	1.25	1.20		mg/Kg		97	69 - 117

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139012/2-A
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	1.25	1.07	E4	mg/Kg		86	62 - 135
Vinyl chloride	1.25	0.590		mg/Kg		47	10 - 100
Xylenes, Total	2.49	2.54		mg/Kg		102	82 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*51*		*34.7 - 143*
Toluene-d8 (Surr)	*49*		*39.1 - 145*
4-Bromofluorobenzene (Surr)	*49*		*38.2 - 149*

Lab Sample ID: LCSD 550-139012/3-A
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	1.25	1.32		mg/Kg		106	79 - 110	0	20
1,1,1-Trichloroethane	1.25	1.26		mg/Kg		101	71 - 117	1	20
1,1,2,2-Tetrachloroethane	1.25	1.17		mg/Kg		94	68 - 123	6	20
1,1,2-Trichloroethane	1.25	1.24		mg/Kg		99	76 - 110	3	20
1,1-Dichloroethane	1.25	1.24		mg/Kg		100	76 - 113	2	20
1,1-Dichloroethene	1.25	1.21		mg/Kg		97	68 - 115	1	20
1,1-Dichloropropene	1.25	1.24		mg/Kg		99	74 - 115	2	20
1,2,3-Trichlorobenzene	1.25	1.34		mg/Kg		107	73 - 127	4	20
1,2,3-Trichloropropane	1.25	1.24		mg/Kg		100	65 - 128	6	20
1,2,4-Trichlorobenzene	1.25	1.30		mg/Kg		104	77 - 123	3	20
1,2,4-Trimethylbenzene	1.25	1.22		mg/Kg		98	78 - 120	1	20
1,2-Dibromo-3-Chloropropane	1.25	1.24		mg/Kg		100	48 - 142	3	20
1,2-Dibromoethane (EDB)	1.25	1.25		mg/Kg		100	80 - 113	1	20
1,2-Dichlorobenzene	1.25	1.24		mg/Kg		99	80 - 113	2	20
1,2-Dichloroethane	1.25	1.33		mg/Kg		106	71 - 119	4	20
1,2-Dichloropropane	1.25	1.29		mg/Kg		104	79 - 116	3	20
1,3,5-Trimethylbenzene	1.25	1.22		mg/Kg		97	77 - 120	3	20
1,3-Dichlorobenzene	1.25	1.22		mg/Kg		98	80 - 110	0	20
1,3-Dichloropropane	1.25	1.27		mg/Kg		102	80 - 113	3	20
1,4-Dichlorobenzene	1.25	1.20		mg/Kg		96	79 - 108	1	20
2,2-Dichloropropane	1.25	1.20		mg/Kg		97	51 - 122	2	20
2-Butanone (MEK)	1.25	0.771		mg/Kg		62	11 - 150	19	32
2-Chlorotoluene	1.25	1.17		mg/Kg		94	74 - 114	2	20
2-Hexanone	1.25	0.779		mg/Kg		62	22 - 150	2	23
4-Chlorotoluene	1.25	1.05		mg/Kg		84	70 - 101	1	20
4-Methyl-2-pentanone (MIBK)	1.25	0.966		mg/Kg		77	50 - 141	5	22
Acetone	1.25	0.890	E4	mg/Kg		71	10 - 150	5	35
Benzene	1.25	1.21		mg/Kg		97	81 - 107	0	20
Bromobenzene	1.25	1.24		mg/Kg		99	80 - 115	2	20
Bromochloromethane	1.25	1.30		mg/Kg		104	79 - 113	0	20
Bromodichloromethane	1.25	1.27		mg/Kg		102	74 - 108	0	20
Bromoform	1.25	1.19		mg/Kg		95	70 - 113	0	20
Bromomethane	1.25	1.05		mg/Kg		84	52 - 132	2	20
Carbon disulfide	1.25	1.15		mg/Kg		93	48 - 142	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-139012/3-A
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	1.25	1.26		mg/Kg		101	69 - 114	3	20
Chlorobenzene	1.25	1.25		mg/Kg		100	81 - 108	2	20
Chloroethane	1.25	1.11		mg/Kg		89	58 - 129	2	20
Chloroform	1.25	1.26		mg/Kg		101	77 - 111	0	20
Chloromethane	1.25	0.935		mg/Kg		75	41 - 109	0	20
cis-1,2-Dichloroethene	1.25	1.16		mg/Kg		93	79 - 109	1	20
cis-1,3-Dichloropropene	1.25	1.25		mg/Kg		100	79 - 112	1	20
Chlorodibromomethane	1.25	1.30		mg/Kg		104	77 - 112	0	20
Dibromomethane	1.25	1.22		mg/Kg		98	78 - 110	1	20
Dichlorodifluoromethane	1.25	0.735		mg/Kg		59	28 - 100	1	20
Ethylbenzene	1.25	1.25		mg/Kg		100	82 - 113	0	20
Hexachlorobutadiene	1.25	1.39		mg/Kg		112	79 - 129	0	20
Iodomethane	1.25	1.26		mg/Kg		101	61 - 125	3	20
Isopropylbenzene	1.25	1.19		mg/Kg		95	76 - 119	1	20
m,p-Xylenes	1.25	1.27		mg/Kg		102	81 - 116	0	20
Methylene Chloride	1.25	1.15		mg/Kg		92	68 - 115	1	20
Methyl tert-butyl ether	1.25	1.26		mg/Kg		101	72 - 125	1	20
Naphthalene	1.25	1.15		mg/Kg		92	69 - 130	7	20
n-Butylbenzene	1.25	1.19		mg/Kg		96	75 - 124	1	20
n-Propylbenzene	1.25	1.18		mg/Kg		95	75 - 119	1	20
o-Xylene	1.25	1.26		mg/Kg		101	82 - 114	1	20
p-Isopropyltoluene	1.25	1.24		mg/Kg		99	78 - 118	0	20
sec-Butylbenzene	1.25	1.23		mg/Kg		99	79 - 125	1	20
Styrene	1.25	1.29		mg/Kg		104	81 - 120	1	20
tert-Butylbenzene	1.25	1.23		mg/Kg		99	75 - 120	0	20
Tetrachloroethene	1.25	1.31		mg/Kg		105	76 - 111	2	20
Toluene	1.25	1.22		mg/Kg		98	82 - 111	0	20
trans-1,2-Dichloroethene	1.25	1.26		mg/Kg		101	74 - 113	1	20
trans-1,3-Dichloropropene	1.25	1.25		mg/Kg		100	72 - 110	2	20
Trichloroethene	1.25	1.23		mg/Kg		99	78 - 110	6	20
Trichlorofluoromethane	1.25	1.18		mg/Kg		95	69 - 117	2	20
Vinyl acetate	1.25	1.05	E4	mg/Kg		85	62 - 135	1	22
Vinyl chloride	1.25	0.587		mg/Kg		47	10 - 100	0	35
Xylenes, Total	2.50	2.53		mg/Kg		101	82 - 115	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*51*		*34.7 - 143*
Toluene-d8 (Surr)	*50*		*39.1 - 145*
4-Bromofluorobenzene (Surr)	*51*		*38.2 - 149*

Lab Sample ID: 550-97349-C-1-I MS
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1,2-Tetrachloroethane	ND		1.25	1.30		mg/Kg		103	67 - 111		
1,1,1-Trichloroethane	ND		1.25	1.20		mg/Kg		96	66 - 106		
1,1,2,2-Tetrachloroethane	ND		1.25	1.10		mg/Kg		88	58 - 127		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97349-C-1-I MS
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		1.25	1.22		mg/Kg		98	61 - 114
1,1-Dichloroethane	ND		1.25	1.20		mg/Kg		96	65 - 110
1,1-Dichloroethene	ND		1.25	1.10		mg/Kg		88	53 - 114
1,1-Dichloropropene	ND		1.25	1.21		mg/Kg		97	65 - 109
1,2,3-Trichlorobenzene	ND		1.25	1.26		mg/Kg		98	60 - 127
1,2,3-Trichloropropane	ND		1.25	1.18		mg/Kg		94	55 - 133
1,2,4-Trichlorobenzene	ND		1.25	1.29		mg/Kg		101	62 - 125
1,2,4-Trimethylbenzene	ND		1.25	1.19		mg/Kg		95	64 - 120
1,2-Dibromo-3-Chloropropane	ND		1.25	1.24		mg/Kg		99	44 - 143
1,2-Dibromoethane (EDB)	ND		1.25	1.20		mg/Kg		96	64 - 119
1,2-Dichlorobenzene	ND		1.25	1.23		mg/Kg		98	67 - 113
1,2-Dichloroethane	ND		1.25	1.25		mg/Kg		100	62 - 114
1,2-Dichloropropane	ND		1.25	1.27		mg/Kg		102	70 - 111
1,3,5-Trimethylbenzene	ND		1.25	1.19		mg/Kg		95	67 - 115
1,3-Dichlorobenzene	ND		1.25	1.21		mg/Kg		97	69 - 110
1,3-Dichloropropane	ND		1.25	1.18		mg/Kg		95	68 - 112
1,4-Dichlorobenzene	ND		1.25	1.19		mg/Kg		95	68 - 107
2,2-Dichloropropane	ND		1.25	1.19		mg/Kg		95	46 - 111
2-Butanone (MEK)	ND		1.25	0.747		mg/Kg		60	11 - 150
2-Chlorotoluene	ND		1.25	1.16		mg/Kg		93	65 - 111
2-Hexanone	ND		1.25	0.818		mg/Kg		65	20 - 154
4-Chlorotoluene	ND		1.25	1.01		mg/Kg		81	62 - 100
4-Methyl-2-pentanone (MIBK)	ND		1.25	0.956		mg/Kg		76	42 - 146
Acetone	ND		1.25	ND		mg/Kg		69	10 - 150
Benzene	ND		1.25	1.17		mg/Kg		93	68 - 108
Bromobenzene	ND		1.25	1.24		mg/Kg		99	71 - 114
Bromochloromethane	ND		1.25	1.24		mg/Kg		99	64 - 115
Bromodichloromethane	ND		1.25	1.28		mg/Kg		102	65 - 108
Bromoform	ND		1.25	1.13		mg/Kg		90	65 - 109
Bromomethane	ND		1.25	0.973		mg/Kg		78	27 - 135
Carbon disulfide	ND		1.25	1.05		mg/Kg		84	34 - 132
Carbon tetrachloride	ND		1.25	1.27		mg/Kg		102	63 - 106
Chlorobenzene	ND		1.25	1.22		mg/Kg		98	70 - 108
Chloroethane	ND		1.25	1.02		mg/Kg		82	33 - 132
Chloroform	ND		1.25	1.21		mg/Kg		96	67 - 109
Chloromethane	ND		1.25	0.804		mg/Kg		64	27 - 103
cis-1,2-Dichloroethene	ND		1.25	1.13		mg/Kg		91	65 - 109
cis-1,3-Dichloropropene	ND		1.25	1.21		mg/Kg		96	66 - 112
Chlorodibromomethane	ND		1.25	1.23		mg/Kg		98	65 - 115
Dibromomethane	ND		1.25	1.16		mg/Kg		93	64 - 113
Dichlorodifluoromethane	ND		1.25	0.503		mg/Kg		40	10 - 100
Ethylbenzene	ND		1.25	1.21		mg/Kg		97	66 - 116
Hexachlorobutadiene	ND		1.25	1.38		mg/Kg		110	52 - 136
Iodomethane	ND		1.25	1.18		mg/Kg		94	45 - 118
Isopropylbenzene	ND		1.25	1.17		mg/Kg		93	70 - 113
m,p-Xylenes	ND		1.25	1.26		mg/Kg		100	66 - 119
Methylene Chloride	ND		1.25	1.13		mg/Kg		90	53 - 116
Methyl tert-butyl ether	ND		1.25	1.19		mg/Kg		95	55 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97349-C-1-I MS
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	ND		1.25	1.13		mg/Kg		84	57 - 134
n-Butylbenzene	ND		1.25	1.17		mg/Kg		93	63 - 122
n-Propylbenzene	ND		1.25	1.17		mg/Kg		93	66 - 116
o-Xylene	ND		1.25	1.22		mg/Kg		97	63 - 120
p-Isopropyltoluene	ND		1.25	1.21		mg/Kg		97	69 - 113
sec-Butylbenzene	ND		1.25	1.21		mg/Kg		97	70 - 121
Styrene	ND		1.25	1.24		mg/Kg		99	68 - 121
tert-Butylbenzene	ND		1.25	1.20		mg/Kg		96	68 - 114
Tetrachloroethene	ND		1.25	1.26		mg/Kg		101	64 - 111
Toluene	ND		1.25	1.23		mg/Kg		98	67 - 113
trans-1,2-Dichloroethene	ND		1.25	1.21		mg/Kg		97	59 - 113
trans-1,3-Dichloropropene	ND		1.25	1.22		mg/Kg		98	61 - 112
Trichloroethene	ND		1.25	1.23		mg/Kg		98	67 - 110
Trichlorofluoromethane	ND		1.25	1.07		mg/Kg		86	45 - 117
Vinyl acetate	ND		1.25	ND		mg/Kg		70	10 - 142
Vinyl chloride	ND		1.25	0.546		mg/Kg		44	10 - 84
Xylenes, Total	ND		2.51	2.48		mg/Kg		99	67 - 119

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*51*		*34.7 - 143*
Toluene-d8 (Surr)	*49*		*39.1 - 145*
4-Bromofluorobenzene (Surr)	*48*		*38.2 - 149*

Lab Sample ID: 550-97349-C-1-J MSD
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		1.26	1.23		mg/Kg		98	67 - 111	5	20
1,1,1-Trichloroethane	ND		1.26	1.15		mg/Kg		91	66 - 106	5	20
1,1,2,2-Tetrachloroethane	ND		1.26	1.16		mg/Kg		93	58 - 127	5	20
1,1,2-Trichloroethane	ND		1.26	1.25		mg/Kg		99	61 - 114	2	20
1,1-Dichloroethane	ND		1.26	1.15		mg/Kg		92	65 - 110	4	20
1,1-Dichloroethene	ND		1.26	1.01		mg/Kg		81	53 - 114	8	20
1,1-Dichloropropene	ND		1.26	1.23		mg/Kg		98	65 - 109	1	20
1,2,3-Trichlorobenzene	ND		1.26	1.29		mg/Kg		100	60 - 127	3	20
1,2,3-Trichloropropane	ND		1.26	1.17		mg/Kg		93	55 - 133	1	20
1,2,4-Trichlorobenzene	ND		1.26	1.25		mg/Kg		97	62 - 125	3	20
1,2,4-Trimethylbenzene	ND		1.26	1.16		mg/Kg		93	64 - 120	2	20
1,2-Dibromo-3-Chloropropane	ND		1.26	1.28		mg/Kg		102	44 - 143	3	24
1,2-Dibromoethane (EDB)	ND		1.26	1.17		mg/Kg		94	64 - 119	2	20
1,2-Dichlorobenzene	ND		1.26	1.21		mg/Kg		97	67 - 113	1	20
1,2-Dichloroethane	ND		1.26	1.16		mg/Kg		93	62 - 114	8	20
1,2-Dichloropropane	ND		1.26	1.27		mg/Kg		101	70 - 111	1	20
1,3,5-Trimethylbenzene	ND		1.26	1.17		mg/Kg		93	67 - 115	2	20
1,3-Dichlorobenzene	ND		1.26	1.17		mg/Kg		94	69 - 110	3	20
1,3-Dichloropropane	ND		1.26	1.17		mg/Kg		93	68 - 112	1	20
1,4-Dichlorobenzene	ND		1.26	1.16		mg/Kg		93	68 - 107	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97349-C-1-J MSD
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,2-Dichloropropane	ND		1.26	1.12		mg/Kg		89	46 - 111	6	20
2-Butanone (MEK)	ND		1.26	0.654		mg/Kg		52	11 - 150	13	39
2-Chlorotoluene	ND		1.26	1.13		mg/Kg		90	65 - 111	3	20
2-Hexanone	ND		1.26	0.836		mg/Kg		67	20 - 154	2	40
4-Chlorotoluene	ND		1.26	0.991		mg/Kg		79	62 - 100	2	20
4-Methyl-2-pentanone (MIBK)	ND		1.26	0.955		mg/Kg		76	42 - 146	0	26
Acetone	ND		1.26	ND		mg/Kg		60	10 - 150	15	40
Benzene	ND		1.26	1.18		mg/Kg		94	68 - 108	1	20
Bromobenzene	ND		1.26	1.18		mg/Kg		94	71 - 114	4	20
Bromochloromethane	ND		1.26	1.21		mg/Kg		96	64 - 115	2	20
Bromodichloromethane	ND		1.26	1.26		mg/Kg		100	65 - 108	2	20
Bromoform	ND		1.26	1.14		mg/Kg		90	65 - 109	1	20
Bromomethane	ND		1.26	0.914		mg/Kg		73	27 - 135	6	20
Carbon disulfide	ND		1.26	0.997		mg/Kg		79	34 - 132	5	20
Carbon tetrachloride	ND		1.26	1.24		mg/Kg		99	63 - 106	3	20
Chlorobenzene	ND		1.26	1.16		mg/Kg		93	70 - 108	5	20
Chloroethane	ND		1.26	0.959		mg/Kg		76	33 - 132	6	20
Chloroform	ND		1.26	1.16		mg/Kg		93	67 - 109	4	20
Chloromethane	ND		1.26	0.751		mg/Kg		60	27 - 103	7	20
cis-1,2-Dichloroethene	ND		1.26	1.06		mg/Kg		85	65 - 109	6	20
cis-1,3-Dichloropropene	ND		1.26	1.15		mg/Kg		92	66 - 112	5	20
Chlorodibromomethane	ND		1.26	1.23		mg/Kg		98	65 - 115	0	20
Dibromomethane	ND		1.26	1.22		mg/Kg		97	64 - 113	5	20
Dichlorodifluoromethane	ND		1.26	0.483		mg/Kg		38	10 - 100	4	27
Ethylbenzene	ND		1.26	1.16		mg/Kg		93	66 - 116	4	20
Hexachlorobutadiene	ND		1.26	1.33		mg/Kg		106	52 - 136	4	20
Iodomethane	ND		1.26	1.10		mg/Kg		88	45 - 118	7	20
Isopropylbenzene	ND		1.26	1.14		mg/Kg		90	70 - 113	3	20
m,p-Xylenes	ND		1.26	1.20		mg/Kg		96	66 - 119	5	20
Methylene Chloride	ND		1.26	1.04		mg/Kg		83	53 - 116	8	20
Methyl tert-butyl ether	ND		1.26	1.19		mg/Kg		95	55 - 130	0	20
Naphthalene	ND		1.26	1.12		mg/Kg		83	57 - 134	1	20
n-Butylbenzene	ND		1.26	1.14		mg/Kg		91	63 - 122	3	20
n-Propylbenzene	ND		1.26	1.13		mg/Kg		90	66 - 116	3	20
o-Xylene	ND		1.26	1.17		mg/Kg		93	63 - 120	4	20
p-Isopropyltoluene	ND		1.26	1.19		mg/Kg		95	69 - 113	2	20
sec-Butylbenzene	ND		1.26	1.18		mg/Kg		94	70 - 121	3	20
Styrene	ND		1.26	1.21		mg/Kg		96	68 - 121	3	20
tert-Butylbenzene	ND		1.26	1.19		mg/Kg		95	68 - 114	1	20
Tetrachloroethene	ND		1.26	1.19		mg/Kg		95	64 - 111	6	20
Toluene	ND		1.26	1.24		mg/Kg		99	67 - 113	1	20
trans-1,2-Dichloroethene	ND		1.26	1.16		mg/Kg		92	59 - 113	4	20
trans-1,3-Dichloropropene	ND		1.26	1.26		mg/Kg		100	61 - 112	3	20
Trichloroethene	ND		1.26	1.27		mg/Kg		101	67 - 110	3	20
Trichlorofluoromethane	ND		1.26	1.04		mg/Kg		83	45 - 117	3	20
Vinyl acetate	ND		1.26	ND		mg/Kg		67	10 - 142	4	36
Vinyl chloride	ND		1.26	0.504		mg/Kg		40	10 - 84	8	32
Xylenes, Total	ND		2.51	2.37		mg/Kg		94	67 - 119	5	12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97349-C-1-J MSD
Matrix: Solid
Analysis Batch: 139101

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139012

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	49		34.7 - 143
Toluene-d8 (Surr)	49		39.1 - 145
4-Bromofluorobenzene (Surr)	47		38.2 - 149

QC Association Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

GC/MS VOA

Prep Batch: 139012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97485-1	SVE-07-60-20180205	Total/NA	Solid	5035A	
550-97485-2	SVE-07-70-20180206	Total/NA	Solid	5035A	
550-97485-3	SVE-07-80-20180206	Total/NA	Solid	5035A	
550-97485-4	SVE-07-90-20180206	Total/NA	Solid	5035A	
550-97485-5	SVE-07-100-20180206	Total/NA	Solid	5035A	
MB 550-139012/1-A	Method Blank	Total/NA	Solid	5035A	
LCS 550-139012/2-A	Lab Control Sample	Total/NA	Solid	5035A	
LCSD 550-139012/3-A	Lab Control Sample Dup	Total/NA	Solid	5035A	
550-97349-C-1-I MS	Matrix Spike	Total/NA	Solid	5035A	
550-97349-C-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035A	

Analysis Batch: 139101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97485-1	SVE-07-60-20180205	Total/NA	Solid	8260B	139012
550-97485-2	SVE-07-70-20180206	Total/NA	Solid	8260B	139012
550-97485-3	SVE-07-80-20180206	Total/NA	Solid	8260B	139012
550-97485-4	SVE-07-90-20180206	Total/NA	Solid	8260B	139012
550-97485-5	SVE-07-100-20180206	Total/NA	Solid	8260B	139012
MB 550-139012/1-A	Method Blank	Total/NA	Solid	8260B	139012
LCS 550-139012/2-A	Lab Control Sample	Total/NA	Solid	8260B	139012
LCSD 550-139012/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	139012
550-97349-C-1-I MS	Matrix Spike	Total/NA	Solid	8260B	139012
550-97349-C-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	139012

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Client Sample ID: SVE-07-60-20180205 — Lab Sample ID: 550-97485-1

Date Collected: 02/05/18 17:30 — **Matrix: Solid**
Date Received: 02/06/18 17:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139012	02/05/18 07:30	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139101	02/08/18 15:42	R1K	TAL PHX

Client Sample ID: SVE-07-70-20180206 — Lab Sample ID: 550-97485-2

Date Collected: 02/06/18 10:26 — **Matrix: Solid**
Date Received: 02/06/18 17:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139012	02/06/18 10:26	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139101	02/08/18 16:14	R1K	TAL PHX

Client Sample ID: SVE-07-80-20180206 — Lab Sample ID: 550-97485-3

Date Collected: 02/06/18 12:20 — **Matrix: Solid**
Date Received: 02/06/18 17:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139012	02/06/18 12:20	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139101	02/08/18 16:45	R1K	TAL PHX

Client Sample ID: SVE-07-90-20180206 — Lab Sample ID: 550-97485-4

Date Collected: 02/06/18 13:55 — **Matrix: Solid**
Date Received: 02/06/18 17:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139012	02/06/18 13:55	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139101	02/08/18 17:16	R1K	TAL PHX

Client Sample ID: SVE-07-100-20180206 — Lab Sample ID: 550-97485-5

Date Collected: 02/06/18 15:45 — **Matrix: Solid**
Date Received: 02/06/18 17:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139012	02/06/18 15:45	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139101	02/08/18 17:48	R1K	TAL PHX

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Laboratory: TestAmerica Phoenix

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0728	06-09-18

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97485-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013-550 (0116)

CHAIN OF CUSTODY FORM

97485

[ ] Phoenix - 4625 E. Cotton Center Blvd., Suite 189, Phoenix, AZ 85040 (602) 437-3340

2/12/2018

Page 1 of 1

Client Name/Address: Geosyntec 1811 N Tatum Blvd. Phoenix, AZ

Project/PO Number: SP0158

Project Manager: Brian McNamara

Phone Number: 480-290-0345

Sampler: Matt Williams

Email Address: bmcnamara@geosyntec.com

Analysis Required: 52608

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	52608	Special Instructions
SVE-07-60-20180205	Soil	glass	2	02-05-18	1730	Methanol	✓	-01
SVE-07-70-20180206	Soil	glass	2	02-06-18	1026	Methanol	✓	-02
SVE-07-80-20180206	Soil	glass	2	02-06-18	1220	Methanol	✓	-03
SVE-07-90-20180206	Soil	glass	2	02-06-18	1355	Methanol	✓	-04
SVE-07-100-20180206	Soil	glass	2	02-06-18	1545	Methanol	✓	-05

550-97485 Chain of Custody

Relinquished By:	Date/Time:	Received By:	Date/Time:
Matt	2/6/18 17:26		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time: 2-6-18 1726

Turnaround Time: (Check)
same day _____ 72 hours _____
24 hours _____ 5 days _____
48 hours _____ normal _____

Sample Integrity: (Check)
intact _____ on ice X

22°C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 550-97485-1

Login Number: 97485
List Number: 1
Creator: Doerr, Bret C

List Source: TestAmerica Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Phoenix
4625 East Cotton Ctr Blvd
Suite 189
Phoenix, AZ 85040
Tel: (602)437-3340

TestAmerica Job ID: 550-97689-1
Client Project/Site: SP0158

For:
Geosyntec Consultants, Inc.
11811 N Tatum Blvd
Ste P186
Phoenix, Arizona 85028

Attn: Brian McNamara

Authorized for release by:
2/20/2018 3:11:12 PM

Mary Hamilton, Project Manager I
(602)437-3340
mary.hamilton@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample,
N1	See case narrative.
L5	The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
D2	Sample required dilution due to high concentration of analyte.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 550-97689-1

Laboratory: TestAmerica Phoenix

Narrative

Job Narrative
550-97689-1

Comments
No additional comments.

Receipt
The samples were received on 2/8/2018 5:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4º C.

Receipt Exceptions
The following sample was received at the laboratory without a sample collection time documented on the chain of custody: TB-20180207 (550-97689-9). A sample collection time of 12:00 am was used.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS), laboratory control sample duplicate (LCSD) and matrix spike (MS) for batch 550-139196 recovered outside control limits high for the following analytes: Vinyl acetate. There were no detections in the associated samples. The LCS/LCSD and samples have been flagged with an L5 qualifier. The MS and source sample have been flagged with an N1 qualifier.

Method(s) 8260B: The following sample was collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: SVE-07-105-20180207 (550-97689-2). The sample was analyzed within the EPA recommended seven day hold time specified for unpreserved samples; therefore, the data is not impacted. The sample will be reported with an N1 qualifier,.

Method(s) 8260B: Toluene-d8 (surrogates) recoveries for the following sample was outside control limits: (550-97678-C-4). This surrogate is not associated with the reported target analyses; therefore, the data is not impacted. Results will be reported with an N1 qualifier, see batch 550-139635.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-97689-1	SVE-08-60-20180207	Solid	02/07/18 15:40	02/08/18 17:12
550-97689-2	SVE-07-105-20180207	Water	02/07/18 08:45	02/08/18 17:12
550-97689-3	SVE-08-70-20180208	Solid	02/08/18 08:00	02/08/18 17:12
550-97689-4	SVE-08-80-20180208	Solid	02/08/18 09:45	02/08/18 17:12
550-97689-5	SVE-08-90-20180208	Solid	02/08/18 11:10	02/08/18 17:12
550-97689-6	SVE-08-100-20180208	Solid	02/08/18 14:37	02/08/18 17:12
550-97689-7	SVE-08-100-20180208Dup	Solid	02/08/18 14:40	02/08/18 17:12
550-97689-8	SVE-08-105-20180207	Water	02/08/18 16:00	02/08/18 17:12
550-97689-9	TB-20180207	Water	02/07/18 00:00	02/08/18 17:12

Detection Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-60-20180207 — Lab Sample ID: 550-97689-1

No Detections.

Client Sample ID: SVE-07-105-20180207 — Lab Sample ID: 550-97689-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4.1	N1	0.50		ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.3	N1	0.50		ug/L	1		8260B	Total/NA
Acetone	13	N1	10		ug/L	1		8260B	Total/NA
Benzene	8.6	N1	0.50		ug/L	1		8260B	Total/NA
Ethylbenzene	9.2	N1	0.50		ug/L	1		8260B	Total/NA
Isopropylbenzene	0.72	N1	0.50		ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	3.6	N1	1.0		ug/L	1		8260B	Total/NA
N-Propylbenzene	1.2	N1	0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene	0.59	N1	0.50		ug/L	1		8260B	Total/NA
Toluene	2.8	N1	0.50		ug/L	1		8260B	Total/NA
Xylenes, Total	3.6	N1	1.5		ug/L	1		8260B	Total/NA

Client Sample ID: SVE-08-70-20180208 — Lab Sample ID: 550-97689-3

No Detections.

Client Sample ID: SVE-08-80-20180208 — Lab Sample ID: 550-97689-4

No Detections.

Client Sample ID: SVE-08-90-20180208 — Lab Sample ID: 550-97689-5

No Detections.

Client Sample ID: SVE-08-100-20180208 — Lab Sample ID: 550-97689-6

No Detections.

Client Sample ID: SVE-08-100-20180208Dup — Lab Sample ID: 550-97689-7

No Detections.

Client Sample ID: SVE-08-105-20180207 — Lab Sample ID: 550-97689-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloroform	16		0.50		ug/L	1		8260B	Total/NA
Trichloroethene	0.87		0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	480	D2	5.0		ug/L	10		8260B	Total/NA

Client Sample ID: TB-20180207 — Lab Sample ID: 550-97689-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-60-20180207

Date Collected: 02/07/18 15:40
Date Received: 02/08/18 17:12

Lab Sample ID: 550-97689-1

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,1,1-Trichloroethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,1,2,2-Tetrachloroethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,1,2-Trichloroethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,1-Dichloroethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,1-Dichloroethene	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,1-Dichloropropene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2,3-Trichlorobenzene	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2,3-Trichloropropane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2,4-Trichlorobenzene	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2,4-Trimethylbenzene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2-Dibromo-3-Chloropropane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2-Dibromoethane (EDB)	ND		0.029		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2-Dichlorobenzene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2-Dichloroethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,2-Dichloropropane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,3,5-Trimethylbenzene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,3-Dichlorobenzene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,3-Dichloropropane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
1,4-Dichlorobenzene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
2,2-Dichloropropane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
2-Butanone (MEK)	ND		0.57		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
2-Chlorotoluene	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
2-Hexanone	ND		0.57		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
4-Chlorotoluene	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.57		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Acetone	ND		1.1		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Benzene	ND		0.057		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Bromobenzene	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Bromochloromethane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Bromodichloromethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Bromoform	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Bromomethane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Carbon disulfide	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Carbon tetrachloride	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Chlorobenzene	ND		0.057		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Chloroethane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Chloroform	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Chloromethane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
cis-1,2-Dichloroethene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
cis-1,3-Dichloropropene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Chlorodibromomethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Dibromomethane	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Dichlorodifluoromethane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Ethylbenzene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Hexachlorobutadiene	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Iodomethane	ND		0.29		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Isopropylbenzene	ND		0.11		mg/Kg		02/07/18 15:40	02/14/18 12:46	1
m,p-Xylenes	ND		0.17		mg/Kg		02/07/18 15:40	02/14/18 12:46	1

Client Sample ID: SVE-08-60-20180207

Lab Sample ID: 550-97689-1

Date Collected: 02/07/18 15:40

Matrix: Solid

Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.57	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Methyl tert-butyl ether	ND		0.057	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Naphthalene	ND		0.29	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
n-Butylbenzene	ND		0.29	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
n-Propylbenzene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
o-Xylene	ND		0.17	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
sec-Butylbenzene	ND		0.29	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Styrene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
tert-Butylbenzene	ND		0.29	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Tetrachloroethene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Toluene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Trichloroethene	ND		0.11	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Trichlorofluoromethane	ND		0.29	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Vinyl acetate	ND		1.4	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Vinyl chloride	ND		0.057	mg/Kg		02/07/18 15:40	02/14/18 12:46	1
Xylenes, Total	ND		0.34	mg/Kg		02/07/18 15:40	02/14/18 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*34.7 - 143*	*02/07/18 15:40*	*02/14/18 12:46*	*1*
Toluene-d8 (Surr)	*98*		*39.1 - 145*	*02/07/18 15:40*	*02/14/18 12:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*38.2 - 149*	*02/07/18 15:40*	*02/14/18 12:46*	*1*

Client Sample ID: SVE-07-105-20180207

Lab Sample ID: 550-97689-2

Date Collected: 02/07/18 08:45

Matrix: Water

Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,1,1-Trichloroethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,1,2,2-Tetrachloroethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,1,2-Trichloroethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,1-Dichloroethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,1-Dichloroethene	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,1-Dichloropropene	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,2,3-Trichlorobenzene	ND	N1	1.0	ug/L			02/09/18 16:43	1
1,2,3-Trichloropropane	ND	N1	2.0	ug/L			02/09/18 16:43	1
1,2,4-Trichlorobenzene	ND	N1	1.0	ug/L			02/09/18 16:43	1
1,2,4-Trimethylbenzene	**4.1**	**N1**	0.50	ug/L			02/09/18 16:43	1
1,2-Dibromo-3-Chloropropane	ND	N1	5.0	ug/L			02/09/18 16:43	1
1,2-Dichlorobenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,2-Dichloroethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,2-Dichloropropane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,3,5-Trimethylbenzene	**1.3**	**N1**	0.50	ug/L			02/09/18 16:43	1
1,3-Dichlorobenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,3-Dichloropropane	ND	N1	0.50	ug/L			02/09/18 16:43	1
1,4-Dichlorobenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-07-105-20180207
Date Collected: 02/07/18 08:45
Date Received: 02/08/18 17:12

Lab Sample ID: 550-97689-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND	N1 V1	1.0	ug/L			02/09/18 16:43	1
2-Butanone (MEK)	ND	N1	5.0	ug/L			02/15/18 21:17	1
2-Chlorotoluene	ND	N1	0.50	ug/L			02/09/18 16:43	1
2-Hexanone	ND	N1	5.0	ug/L			02/09/18 16:43	1
4-Chlorotoluene	ND	N1	0.50	ug/L			02/09/18 16:43	1
4-Isopropyltoluene	ND	N1	0.50	ug/L			02/09/18 16:43	1
4-Methyl-2-pentanone (MIBK)	ND	N1	2.5	ug/L			02/09/18 16:43	1
Acetone	**13**	**N1**	10	ug/L			02/09/18 16:43	1
Benzene	**8.6**	**N1**	0.50	ug/L			02/09/18 16:43	1
Bromobenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1
Bromoform	ND	N1	1.0	ug/L			02/09/18 16:43	1
Bromomethane	ND	N1	1.0	ug/L			02/09/18 16:43	1
Carbon disulfide	ND	N1	1.0	ug/L			02/09/18 16:43	1
Carbon tetrachloride	ND	N1	0.50	ug/L			02/09/18 16:43	1
Chlorobenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1
Chlorobromomethane	ND	L5 N1 V1	0.50	ug/L			02/09/18 16:43	1
Chlorodibromomethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
Chloroethane	ND	N1	1.0	ug/L			02/09/18 16:43	1
Chloroform	ND	N1	0.50	ug/L			02/09/18 16:43	1
Chloromethane	ND	N1	1.0	ug/L			02/09/18 16:43	1
cis-1,2-Dichloroethene	ND	N1	0.50	ug/L			02/09/18 16:43	1
cis-1,3-Dichloropropene	ND	N1	0.50	ug/L			02/09/18 16:43	1
Dibromomethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
Dichlorobromomethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
Dichlorodifluoromethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
Ethylbenzene	**9.2**	**N1**	0.50	ug/L			02/09/18 16:43	1
Ethylene Dibromide	ND	N1	0.50	ug/L			02/09/18 16:43	1
Hexachlorobutadiene	ND	N1	1.0	ug/L			02/09/18 16:43	1
Iodomethane	ND	N1	2.5	ug/L			02/09/18 16:43	1
Isopropylbenzene	**0.72**	**N1**	0.50	ug/L			02/09/18 16:43	1
Methyl tert-butyl ether	ND	N1	0.50	ug/L			02/09/18 16:43	1
Methylene Chloride	ND	N1	1.0	ug/L			02/09/18 16:43	1
m-Xylene & p-Xylene	**3.6**	**N1**	1.0	ug/L			02/09/18 16:43	1
Naphthalene	ND	N1	2.5	ug/L			02/09/18 16:43	1
n-Butylbenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1
N-Propylbenzene	**1.2**	**N1**	0.50	ug/L			02/09/18 16:43	1
o-Xylene	ND	N1	0.50	ug/L			02/09/18 16:43	1
sec-Butylbenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1
Styrene	ND	N1	0.50	ug/L			02/09/18 16:43	1
tert-Butylbenzene	ND	N1	0.50	ug/L			02/09/18 16:43	1
Tetrachloroethene	**0.59**	**N1**	0.50	ug/L			02/09/18 16:43	1
Toluene	**2.8**	**N1**	0.50	ug/L			02/09/18 16:43	1
trans-1,2-Dichloroethene	ND	N1	0.50	ug/L			02/09/18 16:43	1
trans-1,3-Dichloropropene	ND	N1	0.50	ug/L			02/09/18 16:43	1
Trichloroethene	ND	N1	0.50	ug/L			02/09/18 16:43	1
Trichlorofluoromethane	ND	N1	0.50	ug/L			02/09/18 16:43	1
Vinyl acetate	ND	L5 N1 V1	2.0	ug/L			02/09/18 16:43	1
Vinyl chloride	ND	N1	0.50	ug/L			02/09/18 16:43	1
Xylenes, Total	**3.6**	**N1**	1.5	ug/L			02/09/18 16:43	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-07-105-20180207

Lab Sample ID: 550-97689-2
Date Collected: 02/07/18 08:45
Matrix: Water
Date Received: 02/08/18 17:12

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*02/09/18 16:43*	*1*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*		*02/15/18 21:17*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*02/09/18 16:43*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/15/18 21:17*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*02/09/18 16:43*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*02/15/18 21:17*	*1*

Client Sample ID: SVE-08-70-20180208

Lab Sample ID: 550-97689-3
Date Collected: 02/08/18 08:00
Matrix: Solid
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,1,1-Trichloroethane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,1,2-Trichloroethane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,1-Dichloroethane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,1-Dichloroethene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,1-Dichloropropene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2,3-Trichlorobenzene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2,3-Trichloropropane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2,4-Trichlorobenzene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2,4-Trimethylbenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2-Dibromo-3-Chloropropane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2-Dibromoethane (EDB)	ND		0.029	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2-Dichlorobenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2-Dichloroethane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,2-Dichloropropane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,3,5-Trimethylbenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,3-Dichlorobenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,3-Dichloropropane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
1,4-Dichlorobenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
2,2-Dichloropropane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
2-Butanone (MEK)	ND		0.59	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
2-Chlorotoluene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
2-Hexanone	ND		0.59	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
4-Chlorotoluene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
4-Methyl-2-pentanone (MIBK)	ND		0.59	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Acetone	ND		1.2	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Benzene	ND		0.059	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Bromobenzene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Bromochloromethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Bromodichloromethane	ND	L5	0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Bromoform	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Bromomethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Carbon disulfide	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Carbon tetrachloride	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Chlorobenzene	ND		0.059	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Chloroethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1

Client Sample ID: SVE-08-70-20180208

Lab Sample ID: 550-97689-3
Date Collected: 02/08/18 08:00
Matrix: Solid
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Chloromethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
cis-1,2-Dichloroethene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
cis-1,3-Dichloropropene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Chlorodibromomethane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Dibromomethane	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Dichlorodifluoromethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Ethylbenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Hexachlorobutadiene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Iodomethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Isopropylbenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
m,p-Xylenes	ND		0.18	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Methylene Chloride	ND		0.59	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Methyl tert-butyl ether	ND		0.059	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Naphthalene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
n-Butylbenzene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
n-Propylbenzene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
o-Xylene	ND		0.18	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
p-Isopropyltoluene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
sec-Butylbenzene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Styrene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
tert-Butylbenzene	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Tetrachloroethene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Toluene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
trans-1,2-Dichloroethene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
trans-1,3-Dichloropropene	ND		0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Trichloroethene	ND	L5	0.12	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Trichlorofluoromethane	ND		0.29	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Vinyl acetate	ND		1.5	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Vinyl chloride	ND		0.059	mg/Kg		02/08/18 08:00	02/14/18 13:18	1
Xylenes, Total	ND		0.35	mg/Kg		02/08/18 08:00	02/14/18 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*34.7 - 143*	*02/08/18 08:00*	*02/14/18 13:18*	*1*
Toluene-d8 (Surr)	*97*		*39.1 - 145*	*02/08/18 08:00*	*02/14/18 13:18*	*1*
4-Bromofluorobenzene (Surr)	*92*		*38.2 - 149*	*02/08/18 08:00*	*02/14/18 13:18*	*1*

Client Sample ID: SVE-08-80-20180208

Lab Sample ID: 550-97689-4
Date Collected: 02/08/18 09:45
Matrix: Solid
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,1,1-Trichloroethane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,1,2-Trichloroethane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,1-Dichloroethane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,1-Dichloroethene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,1-Dichloropropene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-80-20180208

Date Collected: 02/08/18 09:45
Date Received: 02/08/18 17:12

Lab Sample ID: 550-97689-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2,3-Trichloropropane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2,4-Trichlorobenzene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2,4-Trimethylbenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2-Dibromo-3-Chloropropane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2-Dibromoethane (EDB)	ND		0.031	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2-Dichlorobenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2-Dichloroethane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,2-Dichloropropane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,3,5-Trimethylbenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,3-Dichlorobenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,3-Dichloropropane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
1,4-Dichlorobenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
2,2-Dichloropropane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
2-Butanone (MEK)	ND		0.62	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
2-Chlorotoluene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
2-Hexanone	ND		0.62	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
4-Chlorotoluene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.62	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Acetone	ND		1.2	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Benzene	ND		0.062	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Bromobenzene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Bromochloromethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Bromodichloromethane	ND	L5	0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Bromoform	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Bromomethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Carbon disulfide	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Carbon tetrachloride	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Chlorobenzene	ND		0.062	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Chloroethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Chloroform	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Chloromethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
cis-1,2-Dichloroethene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
cis-1,3-Dichloropropene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Chlorodibromomethane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Dibromomethane	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Dichlorodifluoromethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Ethylbenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Hexachlorobutadiene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Iodomethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Isopropylbenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
m,p-Xylenes	ND		0.18	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Methylene Chloride	ND		0.62	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Methyl tert-butyl ether	ND		0.062	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Naphthalene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
n-Butylbenzene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
n-Propylbenzene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
o-Xylene	ND		0.18	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
p-Isopropyltoluene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1

Client Sample ID: SVE-08-80-20180208

Lab Sample ID: 550-97689-4

Date Collected: 02/08/18 09:45

Matrix: Solid

Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Styrene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
tert-Butylbenzene	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Tetrachloroethene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Toluene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
trans-1,2-Dichloroethene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
trans-1,3-Dichloropropene	ND		0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Trichloroethene	ND	L5	0.12	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Trichlorofluoromethane	ND		0.31	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Vinyl acetate	ND		1.5	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Vinyl chloride	ND		0.062	mg/Kg		02/08/18 09:45	02/14/18 13:49	1
Xylenes, Total	ND		0.37	mg/Kg		02/08/18 09:45	02/14/18 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*34.7 - 143*	*02/08/18 09:45*	*02/14/18 13:49*	*1*
Toluene-d8 (Surr)	*97*		*39.1 - 145*	*02/08/18 09:45*	*02/14/18 13:49*	*1*
4-Bromofluorobenzene (Surr)	*93*		*38.2 - 149*	*02/08/18 09:45*	*02/14/18 13:49*	*1*

Client Sample ID: SVE-08-90-20180208

Lab Sample ID: 550-97689-5

Date Collected: 02/08/18 11:10

Matrix: Solid

Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,1-Dichloroethene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2,3-Trichlorobenzene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2,4-Trichlorobenzene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2-Dibromo-3-Chloropropane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2-Dibromoethane (EDB)	ND		0.027	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
2-Butanone (MEK)	ND		0.55	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
2-Chlorotoluene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
2-Hexanone	ND		0.55	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
4-Chlorotoluene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.55	mg/Kg		02/08/18 11:10	02/14/18 14:20	1

Client Sample ID: SVE-08-90-20180208

Lab Sample ID: 550-97689-5

Date Collected: 02/08/18 11:10

Matrix: Solid

Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1.1	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Benzene	ND		0.055	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Bromobenzene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Bromochloromethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Bromodichloromethane	ND	L5	0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Bromoform	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Bromomethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Carbon disulfide	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Carbon tetrachloride	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Chlorobenzene	ND		0.055	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Chloroethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Chloroform	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Chloromethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Dibromomethane	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Dichlorodifluoromethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Ethylbenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Hexachlorobutadiene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Iodomethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Isopropylbenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
m,p-Xylenes	ND		0.16	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Methylene Chloride	ND		0.55	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Methyl tert-butyl ether	ND		0.055	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Naphthalene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
n-Butylbenzene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
n-Propylbenzene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
o-Xylene	ND		0.16	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
sec-Butylbenzene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Styrene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
tert-Butylbenzene	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Tetrachloroethene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Toluene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Trichloroethene	ND	L5	0.11	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Trichlorofluoromethane	ND		0.27	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Vinyl acetate	ND		1.4	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Vinyl chloride	ND		0.055	mg/Kg		02/08/18 11:10	02/14/18 14:20	1
Xylenes, Total	ND		0.33	mg/Kg		02/08/18 11:10	02/14/18 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*34.7 - 143*	*02/08/18 11:10*	*02/14/18 14:20*	*1*
Toluene-d8 (Surr)	*90*		*39.1 - 145*	*02/08/18 11:10*	*02/14/18 14:20*	*1*
4-Bromofluorobenzene (Surr)	*90*		*38.2 - 149*	*02/08/18 11:10*	*02/14/18 14:20*	*1*

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-100-20180208

Date Collected: 02/08/18 14:37
Date Received: 02/08/18 17:12

Lab Sample ID: 550-97689-6

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,1-Dichloroethene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2,3-Trichlorobenzene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2,4-Trichlorobenzene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2-Dibromo-3-Chloropropane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2-Dibromoethane (EDB)	ND		0.029	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
2-Butanone (MEK)	ND		0.57	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
2-Chlorotoluene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
2-Hexanone	ND		0.57	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
4-Chlorotoluene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
4-Methyl-2-pentanone (MIBK)	ND		0.57	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Acetone	ND		1.1	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Benzene	ND		0.057	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Bromobenzene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Bromochloromethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Bromodichloromethane	ND	L5	0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Bromoform	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Bromomethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Carbon disulfide	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Carbon tetrachloride	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Chlorobenzene	ND		0.057	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Chloroethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Chloroform	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Chloromethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Dibromomethane	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Dichlorodifluoromethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Ethylbenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Hexachlorobutadiene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Iodomethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Isopropylbenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
m,p-Xylenes	ND		0.17	mg/Kg		02/08/18 14:37	02/14/18 14:51	1

Client Sample ID: SVE-08-100-20180208

Lab Sample ID: 550-97689-6
Date Collected: 02/08/18 14:37
Matrix: Solid
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.57	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Methyl tert-butyl ether	ND		0.057	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Naphthalene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
n-Butylbenzene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
n-Propylbenzene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
o-Xylene	ND		0.17	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
sec-Butylbenzene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Styrene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
tert-Butylbenzene	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Tetrachloroethene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Toluene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Trichloroethene	ND	L5	0.11	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Trichlorofluoromethane	ND		0.29	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Vinyl acetate	ND		1.4	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Vinyl chloride	ND		0.057	mg/Kg		02/08/18 14:37	02/14/18 14:51	1
Xylenes, Total	ND		0.34	mg/Kg		02/08/18 14:37	02/14/18 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*34.7 - 143*	*02/08/18 14:37*	*02/14/18 14:51*	*1*
Toluene-d8 (Surr)	*96*		*39.1 - 145*	*02/08/18 14:37*	*02/14/18 14:51*	*1*
4-Bromofluorobenzene (Surr)	*93*		*38.2 - 149*	*02/08/18 14:37*	*02/14/18 14:51*	*1*

Client Sample ID: SVE-08-100-20180208Dup

Lab Sample ID: 550-97689-7
Date Collected: 02/08/18 14:40
Matrix: Solid
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,1,1-Trichloroethane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,1,2-Trichloroethane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,1-Dichloroethane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,1-Dichloroethene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,1-Dichloropropene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2,3-Trichlorobenzene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2,3-Trichloropropane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2,4-Trichlorobenzene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2,4-Trimethylbenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2-Dibromo-3-Chloropropane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2-Dibromoethane (EDB)	ND		0.026	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2-Dichlorobenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2-Dichloroethane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,2-Dichloropropane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,3,5-Trimethylbenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,3-Dichlorobenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
1,3-Dichloropropane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-100-20180208Dup

Lab Sample ID: 550-97689-7

Date Collected: 02/08/18 14:40
Matrix: Solid
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
2,2-Dichloropropane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
2-Butanone (MEK)	ND		0.52	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
2-Chlorotoluene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
2-Hexanone	ND		0.52	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
4-Chlorotoluene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.52	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Acetone	ND		1.0	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Benzene	ND		0.052	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Bromobenzene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Bromochloromethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Bromodichloromethane	ND	L5	0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Bromoform	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Bromomethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Carbon disulfide	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Carbon tetrachloride	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Chlorobenzene	ND		0.052	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Chloroethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Chloroform	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Chloromethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
cis-1,2-Dichloroethene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
cis-1,3-Dichloropropene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Chlorodibromomethane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Dibromomethane	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Dichlorodifluoromethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Ethylbenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Hexachlorobutadiene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Iodomethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Isopropylbenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
m,p-Xylenes	ND		0.16	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Methylene Chloride	ND		0.52	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Methyl tert-butyl ether	ND		0.052	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Naphthalene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
n-Butylbenzene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
n-Propylbenzene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
o-Xylene	ND		0.16	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
p-Isopropyltoluene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
sec-Butylbenzene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Styrene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
tert-Butylbenzene	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Tetrachloroethene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Toluene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
trans-1,2-Dichloroethene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
trans-1,3-Dichloropropene	ND		0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Trichloroethene	ND	L5	0.10	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Trichlorofluoromethane	ND		0.26	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Vinyl acetate	ND		1.3	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Vinyl chloride	ND		0.052	mg/Kg		02/08/18 14:40	02/14/18 15:22	1
Xylenes, Total	ND		0.31	mg/Kg		02/08/18 14:40	02/14/18 15:22	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-100-20180208Dup

Lab Sample ID: 550-97689-7
Date Collected: 02/08/18 14:40
Matrix: Solid
Date Received: 02/08/18 17:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		34.7 - 143	02/08/18 14:40	02/14/18 15:22	1
Toluene-d8 (Surr)	92		39.1 - 145	02/08/18 14:40	02/14/18 15:22	1
4-Bromofluorobenzene (Surr)	86		38.2 - 149	02/08/18 14:40	02/14/18 15:22	1

Client Sample ID: SVE-08-105-20180207

Lab Sample ID: 550-97689-8
Date Collected: 02/08/18 16:00
Matrix: Water
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			02/09/18 17:09	1
1,1,1-Trichloroethane	ND		0.50	ug/L			02/09/18 17:09	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			02/09/18 17:09	1
1,1,2-Trichloroethane	ND		0.50	ug/L			02/09/18 17:09	1
1,1-Dichloroethane	ND		0.50	ug/L			02/09/18 17:09	1
1,1-Dichloroethene	ND		0.50	ug/L			02/09/18 17:09	1
1,1-Dichloropropene	ND		0.50	ug/L			02/09/18 17:09	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			02/09/18 17:09	1
1,2,3-Trichloropropane	ND		2.0	ug/L			02/09/18 17:09	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			02/09/18 17:09	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/09/18 17:09	1
1,2-Dichlorobenzene	ND		0.50	ug/L			02/09/18 17:09	1
1,2-Dichloroethane	ND		0.50	ug/L			02/09/18 17:09	1
1,2-Dichloropropane	ND		0.50	ug/L			02/09/18 17:09	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
1,3-Dichlorobenzene	ND		0.50	ug/L			02/09/18 17:09	1
1,3-Dichloropropane	ND		0.50	ug/L			02/09/18 17:09	1
1,4-Dichlorobenzene	ND		0.50	ug/L			02/09/18 17:09	1
2,2-Dichloropropane	ND	V1	1.0	ug/L			02/09/18 17:09	1
2-Butanone (MEK)	ND	V1	5.0	ug/L			02/09/18 17:09	1
2-Chlorotoluene	ND		0.50	ug/L			02/09/18 17:09	1
2-Hexanone	ND		5.0	ug/L			02/09/18 17:09	1
4-Chlorotoluene	ND		0.50	ug/L			02/09/18 17:09	1
4-Isopropyltoluene	ND		0.50	ug/L			02/09/18 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	ug/L			02/09/18 17:09	1
Acetone	ND		10	ug/L			02/09/18 17:09	1
Benzene	ND		0.50	ug/L			02/09/18 17:09	1
Bromobenzene	ND		0.50	ug/L			02/09/18 17:09	1
Bromoform	ND		1.0	ug/L			02/09/18 17:09	1
Bromomethane	ND		1.0	ug/L			02/09/18 17:09	1
Carbon disulfide	ND		1.0	ug/L			02/09/18 17:09	1
Carbon tetrachloride	ND		0.50	ug/L			02/09/18 17:09	1
Chlorobenzene	ND		0.50	ug/L			02/09/18 17:09	1
Chlorobromomethane	ND	L5 V1	0.50	ug/L			02/09/18 17:09	1
Chlorodibromomethane	ND		0.50	ug/L			02/09/18 17:09	1
Chloroethane	ND		1.0	ug/L			02/09/18 17:09	1
Chloroform	**16**		0.50	ug/L			02/09/18 17:09	1
Chloromethane	ND		1.0	ug/L			02/09/18 17:09	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			02/09/18 17:09	1

Client Sample ID: SVE-08-105-20180207

Lab Sample ID: 550-97689-8
Date Collected: 02/08/18 16:00
Matrix: Water
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	ug/L			02/09/18 17:09	1
Dibromomethane	ND		0.50	ug/L			02/09/18 17:09	1
Dichlorobromomethane	ND		0.50	ug/L			02/09/18 17:09	1
Dichlorodifluoromethane	ND		0.50	ug/L			02/09/18 17:09	1
Ethylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
Ethylene Dibromide	ND		0.50	ug/L			02/09/18 17:09	1
Hexachlorobutadiene	ND		1.0	ug/L			02/09/18 17:09	1
Iodomethane	ND		2.5	ug/L			02/09/18 17:09	1
Isopropylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
Methyl tert-butyl ether	ND		0.50	ug/L			02/09/18 17:09	1
Methylene Chloride	ND		1.0	ug/L			02/09/18 17:09	1
m-Xylene & p-Xylene	ND		1.0	ug/L			02/09/18 17:09	1
Naphthalene	ND		2.5	ug/L			02/09/18 17:09	1
n-Butylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
N-Propylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
o-Xylene	ND		0.50	ug/L			02/09/18 17:09	1
sec-Butylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
Styrene	ND		0.50	ug/L			02/09/18 17:09	1
tert-Butylbenzene	ND		0.50	ug/L			02/09/18 17:09	1
Toluene	ND		0.50	ug/L			02/09/18 17:09	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			02/09/18 17:09	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			02/09/18 17:09	1
Trichloroethene	**0.87**		0.50	ug/L			02/09/18 17:09	1
Trichlorofluoromethane	ND		0.50	ug/L			02/09/18 17:09	1
Vinyl acetate	ND	L5 V1	2.0	ug/L			02/09/18 17:09	1
Vinyl chloride	ND		0.50	ug/L			02/09/18 17:09	1
Xylenes, Total	ND		1.5	ug/L			02/09/18 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/09/18 17:09*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*		*02/09/18 17:09*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*02/09/18 17:09*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**480**	**D2**	5.0	ug/L			02/12/18 21:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/12/18 21:43*	*10*
Dibromofluoromethane (Surr)	*122*		*70 - 130*		*02/12/18 21:43*	*10*
Toluene-d8 (Surr)	*107*		*70 - 130*		*02/12/18 21:43*	*10*

Client Sample ID: TB-20180207

Lab Sample ID: 550-97689-9
Date Collected: 02/07/18 00:00
Matrix: Water
Date Received: 02/08/18 17:12

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			02/09/18 11:40	1
1,1,1-Trichloroethane	ND		0.50	ug/L			02/09/18 11:40	1

Client Sample ID: TB-20180207

Date Collected: 02/07/18 00:00
Date Received: 02/08/18 17:12

Lab Sample ID: 550-97689-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/09/18 11:40	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/09/18 11:40	1
1,1-Dichloroethane	ND		0.50		ug/L			02/09/18 11:40	1
1,1-Dichloroethene	ND		0.50		ug/L			02/09/18 11:40	1
1,1-Dichloropropene	ND		0.50		ug/L			02/09/18 11:40	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/09/18 11:40	1
1,2,3-Trichloropropane	ND		2.0		ug/L			02/09/18 11:40	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/09/18 11:40	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			02/09/18 11:40	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/09/18 11:40	1
1,2-Dichloroethane	ND		0.50		ug/L			02/09/18 11:40	1
1,2-Dichloropropane	ND		0.50		ug/L			02/09/18 11:40	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/09/18 11:40	1
1,3-Dichloropropane	ND		0.50		ug/L			02/09/18 11:40	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/09/18 11:40	1
2,2-Dichloropropane	ND	V1	1.0		ug/L			02/09/18 11:40	1
2-Butanone (MEK)	ND	V1	5.0		ug/L			02/09/18 11:40	1
2-Chlorotoluene	ND		0.50		ug/L			02/09/18 11:40	1
2-Hexanone	ND		5.0		ug/L			02/09/18 11:40	1
4-Chlorotoluene	ND		0.50		ug/L			02/09/18 11:40	1
4-Isopropyltoluene	ND		0.50		ug/L			02/09/18 11:40	1
4-Methyl-2-pentanone (MIBK)	ND		2.5		ug/L			02/09/18 11:40	1
Acetone	ND		10		ug/L			02/09/18 11:40	1
Benzene	ND		0.50		ug/L			02/09/18 11:40	1
Bromobenzene	ND		0.50		ug/L			02/09/18 11:40	1
Bromoform	ND		1.0		ug/L			02/09/18 11:40	1
Bromomethane	ND		1.0		ug/L			02/09/18 11:40	1
Carbon disulfide	ND		1.0		ug/L			02/09/18 11:40	1
Carbon tetrachloride	ND		0.50		ug/L			02/09/18 11:40	1
Chlorobenzene	ND		0.50		ug/L			02/09/18 11:40	1
Chlorobromomethane	ND	L5 V1	0.50		ug/L			02/09/18 11:40	1
Chlorodibromomethane	ND		0.50		ug/L			02/09/18 11:40	1
Chloroethane	ND		1.0		ug/L			02/09/18 11:40	1
Chloroform	ND		0.50		ug/L			02/09/18 11:40	1
Chloromethane	ND		1.0		ug/L			02/09/18 11:40	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/09/18 11:40	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/09/18 11:40	1
Dibromomethane	ND		0.50		ug/L			02/09/18 11:40	1
Dichlorobromomethane	ND		0.50		ug/L			02/09/18 11:40	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/09/18 11:40	1
Ethylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
Ethylene Dibromide	ND		0.50		ug/L			02/09/18 11:40	1
Hexachlorobutadiene	ND		1.0		ug/L			02/09/18 11:40	1
Iodomethane	ND		2.5		ug/L			02/09/18 11:40	1
Isopropylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
Methyl tert-butyl ether	ND		0.50		ug/L			02/09/18 11:40	1
Methylene Chloride	ND		1.0		ug/L			02/09/18 11:40	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: TB-20180207

Date Collected: 02/07/18 00:00
Date Received: 02/08/18 17:12

Lab Sample ID: 550-97689-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		1.0		ug/L			02/09/18 11:40	1
Naphthalene	ND		2.5		ug/L			02/09/18 11:40	1
n-Butylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
N-Propylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
o-Xylene	ND		0.50		ug/L			02/09/18 11:40	1
sec-Butylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
Styrene	ND		0.50		ug/L			02/09/18 11:40	1
tert-Butylbenzene	ND		0.50		ug/L			02/09/18 11:40	1
Tetrachloroethene	ND		0.50		ug/L			02/09/18 11:40	1
Toluene	ND		0.50		ug/L			02/09/18 11:40	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/09/18 11:40	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/09/18 11:40	1
Trichloroethene	ND		0.50		ug/L			02/09/18 11:40	1
Trichlorofluoromethane	ND		0.50		ug/L			02/09/18 11:40	1
Vinyl acetate	ND	L5 V1	2.0		ug/L			02/09/18 11:40	1
Vinyl chloride	ND		0.50		ug/L			02/09/18 11:40	1
Xylenes, Total	ND		1.5		ug/L			02/09/18 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/09/18 11:40*	*1*
Dibromofluoromethane (Surr)	*123*		*70 - 130*		*02/09/18 11:40*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*02/09/18 11:40*	*1*

Surrogate Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(34.7-143)	(39.1-145)	(38.2-149)
550-97689-1	SVE-08-60-20180207	99	98	99
550-97689-3	SVE-08-70-20180208	99	97	92
550-97689-4	SVE-08-80-20180208	104	97	93
550-97689-5	SVE-08-90-20180208	98	90	90
550-97689-6	SVE-08-100-20180208	105	96	93
550-97689-7	SVE-08-100-20180208Dup	97	92	86

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-97610-B-1 MS	Matrix Spike	90	97	90
550-97610-B-1 MSD	Matrix Spike Duplicate	86	86	81
550-97648-D-1 MS	Matrix Spike	80	101	88
550-97648-E-1 MSD	Matrix Spike Duplicate	80	98	86
550-97678-C-4 MS	Matrix Spike	85	104	80
550-97678-C-4 MSD	Matrix Spike Duplicate	89	107	79
550-97689-2	SVE-07-105-20180207	105	114	110
550-97689-2	SVE-07-105-20180207	84	101	92
550-97689-8	SVE-08-105-20180207	104	120	110
550-97689-8 - DL	SVE-08-105-20180207	98	122	107
550-97689-9	TB-20180207	102	123	110
LCS 550-139196/3	Lab Control Sample	81	100	87
LCS 550-139297/6	Lab Control Sample	92	101	92
LCS 550-139635/5	Lab Control Sample	89	109	102
LCSD 550-139196/4	Lab Control Sample Dup	80	96	86
LCSD 550-139297/8	Lab Control Sample Dup	93	99	99
LCSD 550-139635/6	Lab Control Sample Dup	90	109	101
MB 550-139196/5	Method Blank	104	125	110
MB 550-139297/7	Method Blank	100	111	95
MB 550-139635/7	Method Blank	82	103	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-139196/5
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			02/09/18 10:23	1
1,1,1-Trichloroethane	ND		0.50	ug/L			02/09/18 10:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			02/09/18 10:23	1
1,1,2-Trichloroethane	ND		0.50	ug/L			02/09/18 10:23	1
1,1-Dichloroethane	ND		0.50	ug/L			02/09/18 10:23	1
1,1-Dichloroethene	ND		0.50	ug/L			02/09/18 10:23	1
1,1-Dichloropropene	ND		0.50	ug/L			02/09/18 10:23	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			02/09/18 10:23	1
1,2,3-Trichloropropane	ND		2.0	ug/L			02/09/18 10:23	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			02/09/18 10:23	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			02/09/18 10:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/09/18 10:23	1
1,2-Dichlorobenzene	ND		0.50	ug/L			02/09/18 10:23	1
1,2-Dichloroethane	ND		0.50	ug/L			02/09/18 10:23	1
1,2-Dichloropropane	ND		0.50	ug/L			02/09/18 10:23	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			02/09/18 10:23	1
1,3-Dichlorobenzene	ND		0.50	ug/L			02/09/18 10:23	1
1,3-Dichloropropane	ND		0.50	ug/L			02/09/18 10:23	1
1,4-Dichlorobenzene	ND		0.50	ug/L			02/09/18 10:23	1
2,2-Dichloropropane	ND	V1	1.0	ug/L			02/09/18 10:23	1
2-Butanone (MEK)	ND	V1	5.0	ug/L			02/09/18 10:23	1
2-Chlorotoluene	ND		0.50	ug/L			02/09/18 10:23	1
2-Hexanone	ND		5.0	ug/L			02/09/18 10:23	1
4-Chlorotoluene	ND		0.50	ug/L			02/09/18 10:23	1
4-Isopropyltoluene	ND		0.50	ug/L			02/09/18 10:23	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	ug/L			02/09/18 10:23	1
Acetone	ND		10	ug/L			02/09/18 10:23	1
Benzene	ND		0.50	ug/L			02/09/18 10:23	1
Bromobenzene	ND		0.50	ug/L			02/09/18 10:23	1
Bromoform	ND		1.0	ug/L			02/09/18 10:23	1
Bromomethane	ND		1.0	ug/L			02/09/18 10:23	1
Carbon disulfide	ND		1.0	ug/L			02/09/18 10:23	1
Carbon tetrachloride	ND		0.50	ug/L			02/09/18 10:23	1
Chlorobenzene	ND		0.50	ug/L			02/09/18 10:23	1
Chlorobromomethane	ND	V1	0.50	ug/L			02/09/18 10:23	1
Chlorodibromomethane	ND		0.50	ug/L			02/09/18 10:23	1
Chloroethane	ND		1.0	ug/L			02/09/18 10:23	1
Chloroform	ND		0.50	ug/L			02/09/18 10:23	1
Chloromethane	ND		1.0	ug/L			02/09/18 10:23	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			02/09/18 10:23	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			02/09/18 10:23	1
Dibromomethane	ND		0.50	ug/L			02/09/18 10:23	1
Dichlorobromomethane	ND		0.50	ug/L			02/09/18 10:23	1
Dichlorodifluoromethane	ND		0.50	ug/L			02/09/18 10:23	1
Ethylbenzene	ND		0.50	ug/L			02/09/18 10:23	1
Ethylene Dibromide	ND		0.50	ug/L			02/09/18 10:23	1
Hexachlorobutadiene	ND		1.0	ug/L			02/09/18 10:23	1
Iodomethane	ND		2.5	ug/L			02/09/18 10:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-139196/5
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50		ug/L			02/09/18 10:23	1
Methyl tert-butyl ether	ND		0.50		ug/L			02/09/18 10:23	1
Methylene Chloride	ND		1.0		ug/L			02/09/18 10:23	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/09/18 10:23	1
Naphthalene	ND		2.5		ug/L			02/09/18 10:23	1
n-Butylbenzene	ND		0.50		ug/L			02/09/18 10:23	1
N-Propylbenzene	ND		0.50		ug/L			02/09/18 10:23	1
o-Xylene	ND		0.50		ug/L			02/09/18 10:23	1
sec-Butylbenzene	ND		0.50		ug/L			02/09/18 10:23	1
Styrene	ND		0.50		ug/L			02/09/18 10:23	1
tert-Butylbenzene	ND		0.50		ug/L			02/09/18 10:23	1
Tetrachloroethene	ND		0.50		ug/L			02/09/18 10:23	1
Toluene	ND		0.50		ug/L			02/09/18 10:23	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/09/18 10:23	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/09/18 10:23	1
Trichloroethene	ND		0.50		ug/L			02/09/18 10:23	1
Trichlorofluoromethane	ND		0.50		ug/L			02/09/18 10:23	1
Vinyl acetate	ND	V1	2.0		ug/L			02/09/18 10:23	1
Vinyl chloride	ND		0.50		ug/L			02/09/18 10:23	1
Xylenes, Total	ND		1.5		ug/L			02/09/18 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/09/18 10:23*	*1*
Dibromofluoromethane (Surr)	*125*		*70 - 130*		*02/09/18 10:23*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*02/09/18 10:23*	*1*

Lab Sample ID: LCS 550-139196/3
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	28.8		ug/L		115	83 - 125
1,1,1-Trichloroethane	25.0	29.1		ug/L		117	66 - 150
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	70 - 126
1,1,2-Trichloroethane	25.0	29.9		ug/L		120	82 - 121
1,1-Dichloroethane	25.0	28.6		ug/L		115	80 - 122
1,1-Dichloroethene	25.0	29.4		ug/L		118	80 - 120
1,1-Dichloropropene	25.0	24.5		ug/L		98	84 - 119
1,2,3-Trichlorobenzene	25.0	25.7		ug/L		103	71 - 140
1,2,3-Trichloropropane	25.0	29.6		ug/L		118	74 - 130
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	80 - 127
1,2,4-Trimethylbenzene	25.0	23.9		ug/L		95	82 - 121
1,2-Dibromo-3-Chloropropane	25.0	28.4		ug/L		114	59 - 146
1,2-Dichlorobenzene	25.0	28.1		ug/L		112	79 - 119
1,2-Dichloroethane	25.0	24.8		ug/L		99	72 - 136
1,2-Dichloropropane	25.0	26.6		ug/L		107	76 - 123
1,3,5-Trimethylbenzene	25.0	23.3		ug/L		93	82 - 120
1,3-Dichlorobenzene	25.0	27.1		ug/L		108	78 - 118

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139196/3
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	25.0	28.9		ug/L		116	82 - 118
1,4-Dichlorobenzene	25.0	27.8		ug/L		111	78 - 116
2,2-Dichloropropane	25.0	34.1	V1	ug/L		136	65 - 150
2-Butanone (MEK)	25.0	36.3	V1	ug/L		145	42 - 150
2-Chlorotoluene	25.0	23.6		ug/L		94	80 - 117
2-Hexanone	25.0	33.5		ug/L		134	49 - 150
4-Chlorotoluene	25.0	23.5		ug/L		94	80 - 117
4-Isopropyltoluene	25.0	23.4		ug/L		94	81 - 119
4-Methyl-2-pentanone (MIBK)	25.0	30.2		ug/L		121	57 - 146
Acetone	25.0	27.5		ug/L		110	10 - 150
Benzene	25.0	25.1		ug/L		100	82 - 115
Bromobenzene	25.0	27.0		ug/L		108	81 - 120
Bromoform	25.0	30.7		ug/L		123	74 - 133
Bromomethane	25.0	29.1		ug/L		117	77 - 130
Carbon disulfide	25.0	31.3		ug/L		125	70 - 141
Carbon tetrachloride	25.0	26.6		ug/L		106	68 - 152
Chlorobenzene	25.0	27.4		ug/L		109	83 - 118
Chlorobromomethane	25.0	33.3	L5 V1	ug/L		133	83 - 121
Chlorodibromomethane	25.0	30.5		ug/L		122	81 - 134
Chloroethane	25.0	27.4		ug/L		110	77 - 127
Chloroform	25.0	28.2		ug/L		113	79 - 128
Chloromethane	25.0	30.6		ug/L		123	64 - 133
cis-1,2-Dichloroethene	25.0	27.1		ug/L		108	83 - 119
cis-1,3-Dichloropropene	25.0	28.2		ug/L		113	84 - 120
Dibromomethane	25.0	28.7		ug/L		115	84 - 122
Dichlorobromomethane	25.0	26.0		ug/L		104	81 - 125
Dichlorodifluoromethane	25.0	28.3		ug/L		113	56 - 143
Ethylbenzene	25.0	25.6		ug/L		102	85 - 118
Ethylene Dibromide	25.0	30.9		ug/L		124	84 - 124
Hexachlorobutadiene	25.0	22.2		ug/L		89	76 - 128
Iodomethane	25.0	32.1		ug/L		129	55 - 145
Isopropylbenzene	25.0	23.5		ug/L		94	81 - 119
Methyl tert-butyl ether	25.0	29.0		ug/L		116	77 - 130
Methylene Chloride	25.0	27.1		ug/L		109	77 - 119
m-Xylene & p-Xylene	25.0	24.3		ug/L		97	78 - 121
Naphthalene	25.0	26.3		ug/L		105	74 - 134
n-Butylbenzene	25.0	23.4		ug/L		94	78 - 121
N-Propylbenzene	25.0	22.9		ug/L		92	77 - 120
o-Xylene	25.0	24.8		ug/L		99	79 - 120
sec-Butylbenzene	25.0	22.8		ug/L		91	81 - 119
Styrene	25.0	24.9		ug/L		100	78 - 125
Tetrachloroethene	25.0	27.8		ug/L		111	79 - 126
Toluene	25.0	26.0		ug/L		104	83 - 117
trans-1,2-Dichloroethene	25.0	29.3		ug/L		117	79 - 125
trans-1,3-Dichloropropene	25.0	30.3		ug/L		121	84 - 122
Trichloroethene	25.0	24.9		ug/L		100	83 - 121
Trichlorofluoromethane	25.0	27.6		ug/L		110	70 - 145
Vinyl acetate	25.0	39.3	L5 V1	ug/L		157	66 - 148

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139196/3
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	25.0	29.4		ug/L		117	74 - 127
Xylenes, Total	50.0	49.1		ug/L		98	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 550-139196/4
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	28.3		ug/L		113	83 - 125	2	20
1,1,1-Trichloroethane	25.0	28.1		ug/L		113	66 - 150	4	20
1,1,2,2-Tetrachloroethane	25.0	27.8		ug/L		111	70 - 126	1	20
1,1,2-Trichloroethane	25.0	29.4		ug/L		117	82 - 121	2	20
1,1-Dichloroethane	25.0	27.0		ug/L		108	80 - 122	6	20
1,1-Dichloroethene	25.0	28.2		ug/L		113	80 - 120	4	35
1,1-Dichloropropene	25.0	23.7		ug/L		95	84 - 119	3	35
1,2,3-Trichlorobenzene	25.0	25.9		ug/L		104	71 - 140	1	20
1,2,3-Trichloropropane	25.0	29.1		ug/L		116	74 - 130	2	35
1,2,4-Trichlorobenzene	25.0	25.9		ug/L		104	80 - 127	1	20
1,2,4-Trimethylbenzene	25.0	23.9		ug/L		96	82 - 121	0	20
1,2-Dibromo-3-Chloropropane	25.0	28.1		ug/L		113	59 - 146	1	35
1,2-Dichlorobenzene	25.0	27.9		ug/L		112	79 - 119	0	20
1,2-Dichloroethane	25.0	24.6		ug/L		98	72 - 136	1	20
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 123	0	20
1,3,5-Trimethylbenzene	25.0	23.5		ug/L		94	82 - 120	1	20
1,3-Dichlorobenzene	25.0	27.3		ug/L		109	78 - 118	1	35
1,3-Dichloropropane	25.0	28.4		ug/L		113	82 - 118	2	20
1,4-Dichlorobenzene	25.0	27.7		ug/L		111	78 - 116	0	20
2,2-Dichloropropane	25.0	33.0	V1	ug/L		132	65 - 150	3	20
2-Butanone (MEK)	25.0	36.2	V1	ug/L		145	42 - 150	0	20
2-Chlorotoluene	25.0	23.4		ug/L		94	80 - 117	1	20
2-Hexanone	25.0	33.3		ug/L		133	49 - 150	1	35
4-Chlorotoluene	25.0	23.5		ug/L		94	80 - 117	0	20
4-Isopropyltoluene	25.0	23.3		ug/L		93	81 - 119	1	20
4-Methyl-2-pentanone (MIBK)	25.0	29.8		ug/L		119	57 - 146	1	20
Acetone	25.0	27.2		ug/L		109	10 - 150	1	20
Benzene	25.0	24.7		ug/L		99	82 - 115	2	20
Bromobenzene	25.0	27.1		ug/L		108	81 - 120	0	20
Bromoform	25.0	30.9		ug/L		124	74 - 133	1	35
Bromomethane	25.0	27.9		ug/L		112	77 - 130	4	20
Carbon disulfide	25.0	28.7		ug/L		115	70 - 141	9	35
Carbon tetrachloride	25.0	25.9		ug/L		104	68 - 152	2	20
Chlorobenzene	25.0	26.6		ug/L		107	83 - 118	3	20
Chlorobromomethane	25.0	32.0	L5 V1	ug/L		128	83 - 121	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-139196/4
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorodibromomethane	25.0	30.4		ug/L		122	81 - 134	0	20
Chloroethane	25.0	25.8		ug/L		103	77 - 127	6	20
Chloroform	25.0	27.2		ug/L		109	79 - 128	4	20
Chloromethane	25.0	28.9		ug/L		116	64 - 133	6	20
cis-1,2-Dichloroethene	25.0	26.1		ug/L		105	83 - 119	4	20
cis-1,3-Dichloropropene	25.0	27.9		ug/L		112	84 - 120	1	35
Dibromomethane	25.0	27.8		ug/L		111	84 - 122	3	20
Dichlorobromomethane	25.0	25.5		ug/L		102	81 - 125	2	20
Dichlorodifluoromethane	25.0	27.2		ug/L		109	56 - 143	4	35
Ethylbenzene	25.0	24.9		ug/L		99	85 - 118	3	20
Ethylene Dibromide	25.0	30.8		ug/L		123	84 - 124	0	35
Hexachlorobutadiene	25.0	22.6		ug/L		90	76 - 128	2	20
Iodomethane	25.0	31.2		ug/L		125	55 - 145	3	20
Isopropylbenzene	25.0	23.4		ug/L		93	81 - 119	0	20
Methyl tert-butyl ether	25.0	27.2		ug/L		109	77 - 130	7	20
Methylene Chloride	25.0	27.0		ug/L		108	77 - 119	1	20
m-Xylene & p-Xylene	25.0	24.4		ug/L		98	78 - 121	1	20
Naphthalene	25.0	26.3		ug/L		105	74 - 134	0	35
n-Butylbenzene	25.0	23.2		ug/L		93	78 - 121	1	20
N-Propylbenzene	25.0	22.8		ug/L		91	77 - 120	1	20
o-Xylene	25.0	24.6		ug/L		98	79 - 120	1	20
sec-Butylbenzene	25.0	22.8		ug/L		91	81 - 119	0	20
Styrene	25.0	24.6		ug/L		99	78 - 125	1	20
Tetrachloroethene	25.0	26.8		ug/L		107	79 - 126	4	20
Toluene	25.0	25.2		ug/L		101	83 - 117	3	20
trans-1,2-Dichloroethene	25.0	27.8		ug/L		111	79 - 125	5	20
trans-1,3-Dichloropropene	25.0	29.7		ug/L		119	84 - 122	2	20
Trichloroethene	25.0	24.7		ug/L		99	83 - 121	1	35
Trichlorofluoromethane	25.0	25.8		ug/L		103	70 - 145	7	20
Vinyl acetate	25.0	37.2	L5 V1	ug/L		149	66 - 148	5	21
Vinyl chloride	25.0	28.3		ug/L		113	74 - 127	4	20
Xylenes, Total	50.0	49.0		ug/L		98	79 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*86*		*70 - 130*

Lab Sample ID: 550-97648-D-1 MS
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	28.5		ug/L		114	76 - 131
1,1,1-Trichloroethane	ND		25.0	29.9		ug/L		120	65 - 150
1,1,2,2-Tetrachloroethane	ND		25.0	26.6		ug/L		107	55 - 140
1,1,2-Trichloroethane	ND		25.0	29.0		ug/L		116	63 - 141
1,1-Dichloroethane	ND		25.0	28.5		ug/L		114	63 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97648-D-1 MS
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		25.0	30.9		ug/L		124	43 - 150
1,1-Dichloropropene	ND		25.0	24.9		ug/L		100	42 - 150
1,2,3-Trichlorobenzene	ND		25.0	24.1		ug/L		96	48 - 150
1,2,3-Trichloropropane	ND		25.0	28.0		ug/L		112	55 - 148
1,2,4-Trichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 141
1,2,4-Trimethylbenzene	ND		25.0	23.6		ug/L		94	52 - 146
1,2-Dibromo-3-Chloropropane	ND		25.0	26.9		ug/L		108	42 - 150
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	74 - 122
1,2-Dichloroethane	ND		25.0	25.0		ug/L		100	42 - 150
1,2-Dichloropropane	ND		25.0	26.4		ug/L		106	73 - 125
1,3,5-Trimethylbenzene	ND		25.0	23.3		ug/L		93	52 - 142
1,3-Dichlorobenzene	ND		25.0	26.6		ug/L		107	76 - 119
1,3-Dichloropropane	ND		25.0	28.0		ug/L		112	61 - 139
1,4-Dichlorobenzene	0.91		25.0	28.1		ug/L		109	76 - 117
2,2-Dichloropropane	ND	V1	25.0	34.2	V1	ug/L		137	64 - 150
2-Butanone (MEK)	ND	V1	25.0	35.9	V1	ug/L		144	30 - 150
2-Chlorotoluene	ND		25.0	23.2		ug/L		93	69 - 132
2-Hexanone	ND		25.0	31.9		ug/L		128	27 - 150
4-Chlorotoluene	ND		25.0	23.3		ug/L		93	73 - 123
4-Isopropyltoluene	ND		25.0	23.3		ug/L		93	47 - 146
4-Methyl-2-pentanone (MIBK)	ND		25.0	28.6		ug/L		115	40 - 150
Acetone	ND		25.0	28.4		ug/L		114	10 - 150
Benzene	ND		25.0	25.4		ug/L		102	64 - 131
Bromobenzene	ND		25.0	26.5		ug/L		106	77 - 123
Bromoform	ND		25.0	29.7		ug/L		119	49 - 150
Bromomethane	ND		25.0	30.0		ug/L		120	40 - 161
Carbon disulfide	ND		25.0	34.2		ug/L		137	37 - 162
Carbon tetrachloride	ND		25.0	28.3		ug/L		113	64 - 150
Chlorobenzene	ND		25.0	26.9		ug/L		108	80 - 120
Chlorobromomethane	ND	L5 V1	25.0	31.9	V1	ug/L		128	48 - 150
Chlorodibromomethane	ND		25.0	30.0		ug/L		120	56 - 150
Chloroethane	ND		25.0	27.8		ug/L		111	42 - 150
Chloroform	0.66		25.0	29.5		ug/L		115	49 - 150
Chloromethane	ND		25.0	31.0		ug/L		124	52 - 143
cis-1,2-Dichloroethene	ND		25.0	26.7		ug/L		107	50 - 149
cis-1,3-Dichloropropene	ND		25.0	27.1		ug/L		108	48 - 149
Dibromomethane	ND		25.0	27.3		ug/L		109	49 - 150
Dichlorobromomethane	ND		25.0	25.9		ug/L		104	57 - 148
Dichlorodifluoromethane	ND		25.0	36.5		ug/L		146	31 - 150
Ethylbenzene	ND		25.0	25.5		ug/L		102	57 - 143
Ethylene Dibromide	ND		25.0	30.3		ug/L		121	55 - 150
Hexachlorobutadiene	ND		25.0	21.5		ug/L		86	55 - 143
Iodomethane	ND		25.0	32.7		ug/L		131	10 - 150
Isopropylbenzene	ND		25.0	23.5		ug/L		94	62 - 135
Methyl tert-butyl ether	ND		25.0	27.0		ug/L		108	22 - 150
Methylene Chloride	ND		25.0	27.9		ug/L		112	45 - 148
m-Xylene & p-Xylene	ND		25.0	24.3		ug/L		97	49 - 147
Naphthalene	ND		25.0	24.3		ug/L		97	34 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97648-D-1 MS
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Butylbenzene	ND		25.0	23.4		ug/L		93	48 - 145
N-Propylbenzene	ND		25.0	23.0		ug/L		92	56 - 139
o-Xylene	ND		25.0	24.6		ug/L		98	54 - 142
sec-Butylbenzene	ND		25.0	23.0		ug/L		92	53 - 141
Styrene	ND		25.0	24.3		ug/L		97	45 - 149
Tetrachloroethene	ND		25.0	27.8		ug/L		111	73 - 131
Toluene	ND		25.0	25.8		ug/L		103	60 - 137
trans-1,2-Dichloroethene	ND		25.0	29.9		ug/L		120	44 - 150
trans-1,3-Dichloropropene	ND		25.0	29.5		ug/L		118	48 - 150
Trichloroethene	ND		25.0	25.0		ug/L		100	55 - 144
Trichlorofluoromethane	ND		25.0	31.0		ug/L		124	64 - 150
Vinyl acetate	ND	N1 L5 V1	25.0	37.9	N1 V1	ug/L		152	26 - 150
Vinyl chloride	ND		25.0	31.4		ug/L		126	25 - 150
Xylenes, Total	ND		50.0	48.9		ug/L		98	52 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*88*		*70 - 130*

Lab Sample ID: 550-97648-E-1 MSD
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	28.4		ug/L		114	76 - 131	1	20
1,1,1-Trichloroethane	ND		25.0	30.0		ug/L		120	65 - 150	0	22
1,1,2,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	55 - 140	1	35
1,1,2-Trichloroethane	ND		25.0	29.2		ug/L		117	63 - 141	1	35
1,1-Dichloroethane	ND		25.0	27.8		ug/L		111	63 - 139	3	35
1,1-Dichloroethene	ND		25.0	31.3		ug/L		125	43 - 150	1	35
1,1-Dichloropropene	ND		25.0	25.0		ug/L		100	42 - 150	0	35
1,2,3-Trichlorobenzene	ND		25.0	24.5		ug/L		98	48 - 150	2	35
1,2,3-Trichloropropane	ND		25.0	28.3		ug/L		113	55 - 148	1	35
1,2,4-Trichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 141	0	20
1,2,4-Trimethylbenzene	ND		25.0	23.7		ug/L		95	52 - 146	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.0		ug/L		108	42 - 150	0	35
1,2-Dichlorobenzene	ND		25.0	27.4		ug/L		110	74 - 122	1	20
1,2-Dichloroethane	ND		25.0	23.5		ug/L		94	42 - 150	6	20
1,2-Dichloropropane	ND		25.0	26.4		ug/L		105	73 - 125	0	21
1,3,5-Trimethylbenzene	ND		25.0	23.4		ug/L		94	52 - 142	0	20
1,3-Dichlorobenzene	ND		25.0	26.8		ug/L		107	76 - 119	1	20
1,3-Dichloropropane	ND		25.0	28.5		ug/L		114	61 - 139	2	35
1,4-Dichlorobenzene	0.91		25.0	28.2		ug/L		109	76 - 117	0	20
2,2-Dichloropropane	ND	V1	25.0	34.8	V1	ug/L		139	64 - 150	2	24
2-Butanone (MEK)	ND	V1	25.0	36.6	V1	ug/L		146	30 - 150	2	29
2-Chlorotoluene	ND		25.0	23.5		ug/L		94	69 - 132	1	20
2-Hexanone	ND		25.0	32.3		ug/L		129	27 - 150	1	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97648-E-1 MSD
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene	ND		25.0	23.6		ug/L		94	73 - 123	1	20
4-Isopropyltoluene	ND		25.0	23.6		ug/L		94	47 - 146	1	20
4-Methyl-2-pentanone (MIBK)	ND		25.0	29.1		ug/L		117	40 - 150	2	35
Acetone	ND		25.0	26.7		ug/L		107	10 - 150	6	28
Benzene	ND		25.0	25.0		ug/L		100	64 - 131	2	25
Bromobenzene	ND		25.0	26.9		ug/L		108	77 - 123	1	20
Bromoform	ND		25.0	29.6		ug/L		119	49 - 150	0	35
Bromomethane	ND		25.0	29.4		ug/L		118	40 - 161	2	20
Carbon disulfide	ND		25.0	32.1		ug/L		128	37 - 162	7	35
Carbon tetrachloride	ND		25.0	27.9		ug/L		112	64 - 150	1	20
Chlorobenzene	ND		25.0	27.3		ug/L		109	80 - 120	1	20
Chlorobromomethane	ND	L5 V1	25.0	29.6	V1	ug/L		118	48 - 150	8	20
Chlorodibromomethane	ND		25.0	30.0		ug/L		120	56 - 150	0	35
Chloroethane	ND		25.0	28.3		ug/L		113	42 - 150	2	20
Chloroform	0.66		25.0	28.8		ug/L		113	49 - 150	2	35
Chloromethane	ND		25.0	31.1		ug/L		124	52 - 143	0	21
cis-1,2-Dichloroethene	ND		25.0	25.0		ug/L		100	50 - 149	7	35
cis-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	48 - 149	0	35
Dibromomethane	ND		25.0	27.4		ug/L		110	49 - 150	0	20
Dichlorobromomethane	ND		25.0	25.6		ug/L		102	57 - 148	1	35
Dichlorodifluoromethane	ND		25.0	37.2		ug/L		149	31 - 150	2	35
Ethylbenzene	ND		25.0	25.5		ug/L		102	57 - 143	0	20
Ethylene Dibromide	ND		25.0	30.7		ug/L		123	55 - 150	1	35
Hexachlorobutadiene	ND		25.0	22.7		ug/L		91	55 - 143	5	20
Iodomethane	ND		25.0	32.9		ug/L		132	10 - 150	1	35
Isopropylbenzene	ND		25.0	23.8		ug/L		95	62 - 135	1	20
Methyl tert-butyl ether	ND		25.0	26.0		ug/L		104	22 - 150	4	35
Methylene Chloride	ND		25.0	27.2		ug/L		109	45 - 148	3	20
m-Xylene & p-Xylene	ND		25.0	24.3		ug/L		97	49 - 147	0	20
Naphthalene	ND		25.0	24.8		ug/L		99	34 - 150	2	35
n-Butylbenzene	ND		25.0	23.5		ug/L		94	48 - 145	0	21
N-Propylbenzene	ND		25.0	23.2		ug/L		93	56 - 139	1	20
o-Xylene	ND		25.0	24.5		ug/L		98	54 - 142	0	20
sec-Butylbenzene	ND		25.0	23.3		ug/L		93	53 - 141	1	20
Styrene	ND		25.0	24.3		ug/L		97	45 - 149	0	20
Tetrachloroethene	ND		25.0	28.0		ug/L		112	73 - 131	1	20
Toluene	ND		25.0	25.9		ug/L		103	60 - 137	0	20
trans-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	44 - 150	2	35
trans-1,3-Dichloropropene	ND		25.0	29.8		ug/L		119	48 - 150	1	35
Trichloroethene	ND		25.0	25.0		ug/L		100	55 - 144	0	35
Trichlorofluoromethane	ND		25.0	31.9		ug/L		127	64 - 150	3	28
Vinyl acetate	ND	N1 L5 V1	25.0	37.3	V1	ug/L		149	26 - 150	2	27
Vinyl chloride	ND		25.0	31.7		ug/L		127	25 - 150	1	35
Xylenes, Total	ND		50.0	48.8		ug/L		98	52 - 144	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97648-E-1 MSD
Matrix: Water
Analysis Batch: 139196

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*86*		*70 - 130*

Lab Sample ID: MB 550-139297/7
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/12/18 13:26	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/12/18 13:26	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/12/18 13:26	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/12/18 13:26	1
1,1-Dichloroethane	ND		0.50		ug/L			02/12/18 13:26	1
1,1-Dichloroethene	ND		0.50		ug/L			02/12/18 13:26	1
1,1-Dichloropropene	ND		0.50		ug/L			02/12/18 13:26	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/12/18 13:26	1
1,2,3-Trichloropropane	ND		2.0		ug/L			02/12/18 13:26	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/12/18 13:26	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			02/12/18 13:26	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/12/18 13:26	1
1,2-Dichloroethane	ND		0.50		ug/L			02/12/18 13:26	1
1,2-Dichloropropane	ND		0.50		ug/L			02/12/18 13:26	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/12/18 13:26	1
1,3-Dichloropropane	ND		0.50		ug/L			02/12/18 13:26	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/12/18 13:26	1
2,2-Dichloropropane	ND		1.0		ug/L			02/12/18 13:26	1
2-Butanone (MEK)	ND		5.0		ug/L			02/12/18 13:26	1
2-Chlorotoluene	ND		0.50		ug/L			02/12/18 13:26	1
2-Hexanone	ND		5.0		ug/L			02/12/18 13:26	1
4-Chlorotoluene	ND		0.50		ug/L			02/12/18 13:26	1
4-Isopropyltoluene	ND		0.50		ug/L			02/12/18 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		2.5		ug/L			02/12/18 13:26	1
Acetone	ND		10		ug/L			02/12/18 13:26	1
Benzene	ND		0.50		ug/L			02/12/18 13:26	1
Bromobenzene	ND		0.50		ug/L			02/12/18 13:26	1
Bromoform	ND		1.0		ug/L			02/12/18 13:26	1
Bromomethane	ND		1.0		ug/L			02/12/18 13:26	1
Carbon disulfide	ND		1.0		ug/L			02/12/18 13:26	1
Carbon tetrachloride	ND		0.50		ug/L			02/12/18 13:26	1
Chlorobenzene	ND		0.50		ug/L			02/12/18 13:26	1
Chlorobromomethane	ND		0.50		ug/L			02/12/18 13:26	1
Chlorodibromomethane	ND		0.50		ug/L			02/12/18 13:26	1
Chloroethane	ND		1.0		ug/L			02/12/18 13:26	1
Chloroform	ND		0.50		ug/L			02/12/18 13:26	1
Chloromethane	ND		1.0		ug/L			02/12/18 13:26	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/12/18 13:26	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/12/18 13:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-139297/7
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			02/12/18 13:26	1
Dichlorobromomethane	ND		0.50		ug/L			02/12/18 13:26	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/12/18 13:26	1
Ethylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
Ethylene Dibromide	ND		0.50		ug/L			02/12/18 13:26	1
Hexachlorobutadiene	ND		1.0		ug/L			02/12/18 13:26	1
Iodomethane	ND		2.5		ug/L			02/12/18 13:26	1
Isopropylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
Methyl tert-butyl ether	ND		0.50		ug/L			02/12/18 13:26	1
Methylene Chloride	ND		1.0		ug/L			02/12/18 13:26	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/12/18 13:26	1
Naphthalene	ND		2.5		ug/L			02/12/18 13:26	1
n-Butylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
N-Propylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
o-Xylene	ND		0.50		ug/L			02/12/18 13:26	1
sec-Butylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
Styrene	ND		0.50		ug/L			02/12/18 13:26	1
tert-Butylbenzene	ND		0.50		ug/L			02/12/18 13:26	1
Tetrachloroethene	ND		0.50		ug/L			02/12/18 13:26	1
Toluene	ND		0.50		ug/L			02/12/18 13:26	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/12/18 13:26	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/12/18 13:26	1
Trichloroethene	ND		0.50		ug/L			02/12/18 13:26	1
Trichlorofluoromethane	ND		0.50		ug/L			02/12/18 13:26	1
Vinyl acetate	ND		2.0		ug/L			02/12/18 13:26	1
Vinyl chloride	ND		0.50		ug/L			02/12/18 13:26	1
Xylenes, Total	ND		1.5		ug/L			02/12/18 13:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/12/18 13:26*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*02/12/18 13:26*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*02/12/18 13:26*	*1*

Lab Sample ID: LCS 550-139297/6
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	28.1		ug/L		112	83 - 125
1,1,1-Trichloroethane	25.0	28.0		ug/L		112	66 - 150
1,1,2,2-Tetrachloroethane	25.0	28.6		ug/L		114	70 - 126
1,1,2-Trichloroethane	25.0	28.0		ug/L		112	82 - 121
1,1-Dichloroethane	25.0	27.9		ug/L		112	80 - 122
1,1-Dichloroethene	25.0	26.4		ug/L		105	80 - 120
1,1-Dichloropropene	25.0	27.5		ug/L		110	84 - 119
1,2,3-Trichlorobenzene	25.0	26.8		ug/L		107	71 - 140
1,2,3-Trichloropropane	25.0	30.9		ug/L		124	74 - 130
1,2,4-Trichlorobenzene	25.0	26.3		ug/L		105	80 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139297/6
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	25.0	26.8		ug/L		107	82 - 121
1,2-Dibromo-3-Chloropropane	25.0	28.3		ug/L		113	59 - 146
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	79 - 119
1,2-Dichloroethane	25.0	29.0		ug/L		116	72 - 136
1,2-Dichloropropane	25.0	28.4		ug/L		113	76 - 123
1,3,5-Trimethylbenzene	25.0	26.3		ug/L		105	82 - 120
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	78 - 118
1,3-Dichloropropane	25.0	25.1		ug/L		101	82 - 118
1,4-Dichlorobenzene	25.0	26.6		ug/L		106	78 - 116
2,2-Dichloropropane	25.0	26.3		ug/L		105	65 - 150
2-Butanone (MEK)	25.0	19.3		ug/L		77	42 - 150
2-Chlorotoluene	25.0	25.8		ug/L		103	80 - 117
2-Hexanone	25.0	16.6		ug/L		66	49 - 150
4-Chlorotoluene	25.0	25.8		ug/L		103	80 - 117
4-Isopropyltoluene	25.0	26.1		ug/L		105	81 - 119
4-Methyl-2-pentanone (MIBK)	25.0	23.5		ug/L		94	57 - 146
Acetone	25.0	21.0		ug/L		84	10 - 150
Benzene	25.0	27.0		ug/L		108	82 - 115
Bromobenzene	25.0	29.0		ug/L		116	81 - 120
Bromoform	25.0	32.4		ug/L		130	74 - 133
Bromomethane	25.0	27.0		ug/L		108	77 - 130
Carbon disulfide	25.0	30.2		ug/L		121	70 - 141
Carbon tetrachloride	25.0	29.8		ug/L		119	68 - 152
Chlorobenzene	25.0	27.7		ug/L		111	83 - 118
Chlorobromomethane	25.0	30.1		ug/L		120	83 - 121
Chlorodibromomethane	25.0	26.9		ug/L		108	81 - 134
Chloroethane	25.0	26.1		ug/L		104	77 - 127
Chloroform	25.0	28.0		ug/L		112	79 - 128
Chloromethane	25.0	26.9		ug/L		108	64 - 133
cis-1,2-Dichloroethene	25.0	26.5		ug/L		106	83 - 119
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	84 - 120
Dibromomethane	25.0	28.9		ug/L		116	84 - 122
Dichlorobromomethane	25.0	28.7		ug/L		115	81 - 125
Dichlorodifluoromethane	25.0	31.6		ug/L		126	56 - 143
Ethylbenzene	25.0	27.3		ug/L		109	85 - 118
Ethylene Dibromide	25.0	26.1		ug/L		105	84 - 124
Hexachlorobutadiene	25.0	28.5		ug/L		114	76 - 128
Iodomethane	25.0	32.3		ug/L		129	55 - 145
Isopropylbenzene	25.0	28.9		ug/L		116	81 - 119
Methyl tert-butyl ether	25.0	27.0		ug/L		108	77 - 130
Methylene Chloride	25.0	25.8		ug/L		103	77 - 119
m-Xylene & p-Xylene	25.0	28.1		ug/L		112	78 - 121
Naphthalene	25.0	24.4		ug/L		98	74 - 134
n-Butylbenzene	25.0	24.9		ug/L		100	78 - 121
N-Propylbenzene	25.0	26.0		ug/L		104	77 - 120
o-Xylene	25.0	27.1		ug/L		108	79 - 120
sec-Butylbenzene	25.0	26.2		ug/L		105	81 - 119
Styrene	25.0	28.1		ug/L		112	78 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139297/6
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	26.3		ug/L		105	79 - 126
Toluene	25.0	27.5		ug/L		110	83 - 117
trans-1,2-Dichloroethene	25.0	27.3		ug/L		109	79 - 125
trans-1,3-Dichloropropene	25.0	28.4		ug/L		113	84 - 122
Trichloroethene	25.0	28.6		ug/L		115	83 - 121
Trichlorofluoromethane	25.0	28.3		ug/L		113	70 - 145
Vinyl acetate	25.0	24.3		ug/L		97	66 - 148
Vinyl chloride	25.0	28.2		ug/L		113	74 - 127
Xylenes, Total	50.0	55.2		ug/L		110	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 550-139297/8
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	28.4		ug/L		114	83 - 125	1	20
1,1,1-Trichloroethane	25.0	27.2		ug/L		109	66 - 150	3	20
1,1,2,2-Tetrachloroethane	25.0	26.0		ug/L		104	70 - 126	9	20
1,1,2-Trichloroethane	25.0	29.9		ug/L		120	82 - 121	7	20
1,1-Dichloroethane	25.0	27.4		ug/L		110	80 - 122	2	20
1,1-Dichloroethene	25.0	25.3		ug/L		101	80 - 120	4	35
1,1-Dichloropropene	25.0	27.6		ug/L		110	84 - 119	0	35
1,2,3-Trichlorobenzene	25.0	26.8		ug/L		107	71 - 140	0	20
1,2,3-Trichloropropane	25.0	27.5		ug/L		110	74 - 130	12	35
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	80 - 127	3	20
1,2,4-Trimethylbenzene	25.0	26.4		ug/L		105	82 - 121	2	20
1,2-Dibromo-3-Chloropropane	25.0	28.4		ug/L		114	59 - 146	0	35
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	79 - 119	0	20
1,2-Dichloroethane	25.0	28.0		ug/L		112	72 - 136	4	20
1,2-Dichloropropane	25.0	30.4		ug/L		122	76 - 123	7	20
1,3,5-Trimethylbenzene	25.0	26.6		ug/L		106	82 - 120	1	20
1,3-Dichlorobenzene	25.0	27.2		ug/L		109	78 - 118	2	35
1,3-Dichloropropane	25.0	28.5		ug/L		114	82 - 118	13	20
1,4-Dichlorobenzene	25.0	27.3		ug/L		109	78 - 116	3	20
2,2-Dichloropropane	25.0	26.6		ug/L		106	65 - 150	1	20
2-Butanone (MEK)	25.0	20.4		ug/L		81	42 - 150	5	20
2-Chlorotoluene	25.0	25.6		ug/L		102	80 - 117	1	20
2-Hexanone	25.0	20.4		ug/L		81	49 - 150	20	35
4-Chlorotoluene	25.0	26.5		ug/L		106	80 - 117	3	20
4-Isopropyltoluene	25.0	26.7		ug/L		107	81 - 119	2	20
4-Methyl-2-pentanone (MIBK)	25.0	25.2		ug/L		101	57 - 146	7	20
Acetone	25.0	22.8		ug/L		91	10 - 150	8	20
Benzene	25.0	26.7		ug/L		107	82 - 115	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-139297/8
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	25.0	27.3		ug/L		109	81 - 120	6	20
Bromoform	25.0	29.8		ug/L		119	74 - 133	9	35
Bromomethane	25.0	26.9		ug/L		108	77 - 130	0	20
Carbon disulfide	25.0	29.7		ug/L		119	70 - 141	2	35
Carbon tetrachloride	25.0	29.1		ug/L		116	68 - 152	2	20
Chlorobenzene	25.0	27.2		ug/L		109	83 - 118	2	20
Chlorobromomethane	25.0	28.8		ug/L		115	83 - 121	4	20
Chlorodibromomethane	25.0	29.0		ug/L		116	81 - 134	7	20
Chloroethane	25.0	26.7		ug/L		107	77 - 127	2	20
Chloroform	25.0	27.7		ug/L		111	79 - 128	1	20
Chloromethane	25.0	27.0		ug/L		108	64 - 133	0	20
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	83 - 119	5	20
cis-1,3-Dichloropropene	25.0	29.1		ug/L		116	84 - 120	17	35
Dibromomethane	25.0	29.7		ug/L		119	84 - 122	3	20
Dichlorobromomethane	25.0	30.6		ug/L		122	81 - 125	6	20
Dichlorodifluoromethane	25.0	28.7		ug/L		115	56 - 143	10	35
Ethylbenzene	25.0	26.9		ug/L		107	85 - 118	2	20
Ethylene Dibromide	25.0	28.6		ug/L		115	84 - 124	9	35
Hexachlorobutadiene	25.0	28.9		ug/L		116	76 - 128	2	20
Iodomethane	25.0	31.1		ug/L		124	55 - 145	4	20
Isopropylbenzene	25.0	26.4		ug/L		105	81 - 119	9	20
Methyl tert-butyl ether	25.0	26.6		ug/L		106	77 - 130	1	20
Methylene Chloride	25.0	25.7		ug/L		103	77 - 119	0	20
m-Xylene & p-Xylene	25.0	27.3		ug/L		109	78 - 121	3	20
Naphthalene	25.0	24.1		ug/L		96	74 - 134	1	35
n-Butylbenzene	25.0	25.5		ug/L		102	78 - 121	2	20
N-Propylbenzene	25.0	26.0		ug/L		104	77 - 120	0	20
o-Xylene	25.0	27.5		ug/L		110	79 - 120	1	20
sec-Butylbenzene	25.0	26.7		ug/L		107	81 - 119	2	20
Styrene	25.0	27.3		ug/L		109	78 - 125	3	20
Tetrachloroethene	25.0	29.0		ug/L		116	79 - 126	10	20
Toluene	25.0	28.6		ug/L		114	83 - 117	4	20
trans-1,2-Dichloroethene	25.0	26.9		ug/L		108	79 - 125	1	20
trans-1,3-Dichloropropene	25.0	30.6		ug/L		122	84 - 122	7	20
Trichloroethene	25.0	30.0		ug/L		120	83 - 121	5	35
Trichlorofluoromethane	25.0	28.2		ug/L		113	70 - 145	1	20
Vinyl acetate	25.0	22.7		ug/L		91	66 - 148	7	21
Vinyl chloride	25.0	28.9		ug/L		115	74 - 127	2	20
Xylenes, Total	50.0	54.8		ug/L		110	79 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97610-B-1 MS
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	28.9		ug/L		116	76 - 131
1,1,1-Trichloroethane	ND		25.0	27.5		ug/L		110	65 - 150
1,1,2,2-Tetrachloroethane	ND		25.0	27.8		ug/L		111	55 - 140
1,1,2-Trichloroethane	ND		25.0	28.8		ug/L		115	63 - 141
1,1-Dichloroethane	ND		25.0	28.4		ug/L		114	63 - 139
1,1-Dichloroethene	ND		25.0	23.9		ug/L		96	43 - 150
1,1-Dichloropropene	ND		25.0	29.4		ug/L		118	42 - 150
1,2,3-Trichlorobenzene	ND		25.0	29.1		ug/L		116	48 - 150
1,2,3-Trichloropropane	ND		25.0	28.9		ug/L		116	55 - 148
1,2,4-Trichlorobenzene	ND		25.0	28.6		ug/L		114	60 - 141
1,2,4-Trimethylbenzene	ND		25.0	26.6		ug/L		106	52 - 146
1,2-Dibromo-3-Chloropropane	ND		25.0	31.0		ug/L		124	42 - 150
1,2-Dichlorobenzene	ND		25.0	27.2		ug/L		109	74 - 122
1,2-Dichloroethane	ND		25.0	29.2		ug/L		117	42 - 150
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	73 - 125
1,3,5-Trimethylbenzene	ND		25.0	26.3		ug/L		105	52 - 142
1,3-Dichlorobenzene	ND		25.0	27.1		ug/L		108	76 - 119
1,3-Dichloropropane	ND		25.0	29.2		ug/L		117	61 - 139
1,4-Dichlorobenzene	ND		25.0	27.1		ug/L		108	76 - 117
2,2-Dichloropropane	ND		25.0	26.6		ug/L		106	64 - 150
2-Butanone (MEK)	ND		25.0	16.8		ug/L		67	30 - 150
2-Chlorotoluene	ND		25.0	25.6		ug/L		102	69 - 132
2-Hexanone	ND		25.0	17.8		ug/L		71	27 - 150
4-Chlorotoluene	ND		25.0	25.7		ug/L		103	73 - 123
4-Isopropyltoluene	ND		25.0	26.7		ug/L		107	47 - 146
4-Methyl-2-pentanone (MIBK)	ND		25.0	26.6		ug/L		106	40 - 150
Acetone	ND		25.0	17.0		ug/L		68	10 - 150
Benzene	ND		25.0	26.6		ug/L		106	64 - 131
Bromobenzene	ND		25.0	27.8		ug/L		111	77 - 123
Bromoform	ND		25.0	30.7		ug/L		123	49 - 150
Bromomethane	ND		25.0	24.4		ug/L		98	40 - 161
Carbon disulfide	ND		25.0	31.1		ug/L		124	37 - 162
Carbon tetrachloride	ND		25.0	29.1		ug/L		116	64 - 150
Chlorobenzene	ND		25.0	27.7		ug/L		111	80 - 120
Chlorobromomethane	ND		25.0	30.5		ug/L		122	48 - 150
Chlorodibromomethane	ND		25.0	30.3		ug/L		121	56 - 150
Chloroethane	ND		25.0	24.8		ug/L		99	42 - 150
Chloroform	2.6		25.0	30.9		ug/L		113	49 - 150
Chloromethane	ND		25.0	25.1		ug/L		101	52 - 143
cis-1,2-Dichloroethene	ND		25.0	25.5		ug/L		102	50 - 149
cis-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	48 - 149
Dibromomethane	ND		25.0	28.4		ug/L		114	49 - 150
Dichlorobromomethane	0.81		25.0	29.7		ug/L		115	57 - 148
Dichlorodifluoromethane	ND		25.0	28.8		ug/L		115	31 - 150
Ethylbenzene	ND		25.0	27.2		ug/L		109	57 - 143
Ethylene Dibromide	ND		25.0	29.7		ug/L		119	55 - 150
Hexachlorobutadiene	ND		25.0	29.5		ug/L		118	55 - 143
Iodomethane	ND		25.0	28.5		ug/L		114	10 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97610-B-1 MS
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	ND		25.0	26.7		ug/L		107	62 - 135
Methyl tert-butyl ether	ND		25.0	28.9		ug/L		115	22 - 150
Methylene Chloride	ND		25.0	24.8		ug/L		99	45 - 148
m-Xylene & p-Xylene	ND		25.0	27.3		ug/L		109	49 - 147
Naphthalene	ND		25.0	27.5		ug/L		110	34 - 150
n-Butylbenzene	ND		25.0	25.4		ug/L		102	48 - 145
N-Propylbenzene	ND		25.0	26.1		ug/L		105	56 - 139
o-Xylene	ND		25.0	27.3		ug/L		109	54 - 142
sec-Butylbenzene	ND		25.0	26.6		ug/L		107	53 - 141
Styrene	ND		25.0	24.4		ug/L		98	45 - 149
Tetrachloroethene	ND		25.0	29.2		ug/L		117	73 - 131
Toluene	0.84		25.0	28.0		ug/L		109	60 - 137
trans-1,2-Dichloroethene	ND		25.0	28.6		ug/L		114	44 - 150
trans-1,3-Dichloropropene	ND		25.0	28.4		ug/L		114	48 - 150
Trichloroethene	ND		25.0	28.1		ug/L		113	55 - 144
Trichlorofluoromethane	ND		25.0	26.2		ug/L		105	64 - 150
Vinyl acetate	ND		25.0	25.6		ug/L		102	26 - 150
Vinyl chloride	ND		25.0	25.2		ug/L		101	25 - 150
Xylenes, Total	ND		50.0	54.6		ug/L		109	52 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*

Lab Sample ID: 550-97610-B-1 MSD
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	28.5		ug/L		114	76 - 131	2	20
1,1,1-Trichloroethane	ND		25.0	27.4		ug/L		110	65 - 150	0	22
1,1,2,2-Tetrachloroethane	ND		25.0	27.3		ug/L		109	55 - 140	2	35
1,1,2-Trichloroethane	ND		25.0	26.3		ug/L		105	63 - 141	9	35
1,1-Dichloroethane	ND		25.0	26.8		ug/L		107	63 - 139	6	35
1,1-Dichloroethene	ND		25.0	23.5		ug/L		94	43 - 150	2	35
1,1-Dichloropropene	ND		25.0	27.0		ug/L		108	42 - 150	9	35
1,2,3-Trichlorobenzene	ND		25.0	27.3		ug/L		109	48 - 150	6	35
1,2,3-Trichloropropane	ND		25.0	29.1		ug/L		116	55 - 148	1	35
1,2,4-Trichlorobenzene	ND		25.0	26.4		ug/L		105	60 - 141	8	20
1,2,4-Trimethylbenzene	ND		25.0	26.3		ug/L		105	52 - 146	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	30.1		ug/L		121	42 - 150	3	35
1,2-Dichlorobenzene	ND		25.0	27.0		ug/L		108	74 - 122	1	20
1,2-Dichloroethane	ND		25.0	29.2		ug/L		117	42 - 150	0	20
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	73 - 125	0	21
1,3,5-Trimethylbenzene	ND		25.0	26.2		ug/L		105	52 - 142	1	20
1,3-Dichlorobenzene	ND		25.0	26.6		ug/L		106	76 - 119	2	20
1,3-Dichloropropane	ND		25.0	28.2		ug/L		113	61 - 139	3	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97610-B-1 MSD
Matrix: Water
Analysis Batch: 139297

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	ND		25.0	27.1		ug/L		108	76 - 117	0	20
2,2-Dichloropropane	ND		25.0	23.5		ug/L		94	64 - 150	12	24
2-Butanone (MEK)	ND		25.0	15.9		ug/L		64	30 - 150	5	29
2-Chlorotoluene	ND		25.0	25.7		ug/L		103	69 - 132	0	20
2-Hexanone	ND		25.0	17.9		ug/L		72	27 - 150	1	35
4-Chlorotoluene	ND		25.0	25.8		ug/L		103	73 - 123	0	20
4-Isopropyltoluene	ND		25.0	26.4		ug/L		106	47 - 146	1	20
4-Methyl-2-pentanone (MIBK)	ND		25.0	26.1		ug/L		104	40 - 150	2	35
Acetone	ND		25.0	16.1		ug/L		64	10 - 150	5	28
Benzene	ND		25.0	26.4		ug/L		106	64 - 131	1	25
Bromobenzene	ND		25.0	27.5		ug/L		110	77 - 123	1	20
Bromoform	ND		25.0	31.4		ug/L		126	49 - 150	2	35
Bromomethane	ND		25.0	24.8		ug/L		99	40 - 161	2	20
Carbon disulfide	ND		25.0	27.3		ug/L		109	37 - 162	13	35
Carbon tetrachloride	ND		25.0	28.3		ug/L		113	64 - 150	3	20
Chlorobenzene	ND		25.0	27.5		ug/L		110	80 - 120	1	20
Chlorobromomethane	ND		25.0	27.7		ug/L		111	48 - 150	9	20
Chlorodibromomethane	ND		25.0	30.2		ug/L		121	56 - 150	1	35
Chloroethane	ND		25.0	24.0		ug/L		96	42 - 150	3	20
Chloroform	2.6		25.0	27.8		ug/L		101	49 - 150	10	35
Chloromethane	ND		25.0	24.8		ug/L		99	52 - 143	2	21
cis-1,2-Dichloroethene	ND		25.0	23.8		ug/L		95	50 - 149	7	35
cis-1,3-Dichloropropene	ND		25.0	29.7		ug/L		119	48 - 149	8	35
Dibromomethane	ND		25.0	29.0		ug/L		116	49 - 150	2	20
Dichlorobromomethane	0.81		25.0	29.9		ug/L		116	57 - 148	1	35
Dichlorodifluoromethane	ND		25.0	28.2		ug/L		113	31 - 150	2	35
Ethylbenzene	ND		25.0	26.5		ug/L		106	57 - 143	2	20
Ethylene Dibromide	ND		25.0	30.0		ug/L		120	55 - 150	1	35
Hexachlorobutadiene	ND		25.0	26.7		ug/L		107	55 - 143	10	20
Iodomethane	ND		25.0	28.3		ug/L		113	10 - 150	1	35
Isopropylbenzene	ND		25.0	26.5		ug/L		106	62 - 135	1	20
Methyl tert-butyl ether	ND		25.0	25.5		ug/L		102	22 - 150	13	35
Methylene Chloride	ND		25.0	25.3		ug/L		101	45 - 148	2	20
m-Xylene & p-Xylene	ND		25.0	27.4		ug/L		110	49 - 147	0	20
Naphthalene	ND		25.0	25.0		ug/L		100	34 - 150	10	35
n-Butylbenzene	ND		25.0	24.5		ug/L		98	48 - 145	3	21
N-Propylbenzene	ND		25.0	26.2		ug/L		105	56 - 139	0	20
o-Xylene	ND		25.0	27.2		ug/L		109	54 - 142	0	20
sec-Butylbenzene	ND		25.0	26.1		ug/L		105	53 - 141	2	20
Styrene	ND		25.0	24.1		ug/L		96	45 - 149	1	20
Tetrachloroethene	ND		25.0	28.5		ug/L		114	73 - 131	2	20
Toluene	0.84		25.0	25.3		ug/L		98	60 - 137	10	20
trans-1,2-Dichloroethene	ND		25.0	25.1		ug/L		100	44 - 150	13	35
trans-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	48 - 150	11	35
Trichloroethene	ND		25.0	28.2		ug/L		113	55 - 144	0	35
Trichlorofluoromethane	ND		25.0	25.4		ug/L		102	64 - 150	3	28
Vinyl acetate	ND		25.0	24.1		ug/L		96	26 - 150	6	27
Vinyl chloride	ND		25.0	24.9		ug/L		99	25 - 150	1	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97610-B-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	ND		50.0	54.6		ug/L		109	52 - 144	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
Dibromofluoromethane (Surr)	*86*		*70 - 130*
Toluene-d8 (Surr)	*81*		*70 - 130*

Lab Sample ID: MB 550-139635/7 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139635

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		5.0		ug/L			02/15/18 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*02/15/18 10:45*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*02/15/18 10:45*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*02/15/18 10:45*	*1*

Lab Sample ID: LCS 550-139635/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139635

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2-Butanone (MEK)			25.0	19.2		ug/L		77	42 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 550-139635/6 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139635

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)			25.0	21.9		ug/L		88	42 - 150	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
Dibromofluoromethane (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97678-C-4 MS
Matrix: Water
Analysis Batch: 139635

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
2-Butanone (MEK)	ND		25.0	19.2		ug/L		77	30 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*80*		*70 - 130*

Lab Sample ID: 550-97678-C-4 MSD
Matrix: Water
Analysis Batch: 139635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		25.0	22.1		ug/L		88	30 - 150	14	29

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*79*		*70 - 130*

QC Association Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

GC/MS VOA

Analysis Batch: 139196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97689-2	SVE-07-105-20180207	Total/NA	Water	8260B	
550-97689-8	SVE-08-105-20180207	Total/NA	Water	8260B	
550-97689-9	TB-20180207	Total/NA	Water	8260B	
MB 550-139196/5	Method Blank	Total/NA	Water	8260B	
LCS 550-139196/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-139196/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-97648-D-1 MS	Matrix Spike	Total/NA	Water	8260B	
550-97648-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Prep Batch: 139222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97689-1	SVE-08-60-20180207	Total/NA	Solid	5035A	
550-97689-3	SVE-08-70-20180208	Total/NA	Solid	5035A	
550-97689-4	SVE-08-80-20180208	Total/NA	Solid	5035A	
550-97689-5	SVE-08-90-20180208	Total/NA	Solid	5035A	
550-97689-6	SVE-08-100-20180208	Total/NA	Solid	5035A	
550-97689-7	SVE-08-100-20180208Dup	Total/NA	Solid	5035A	

Analysis Batch: 139297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97689-8 - DL	SVE-08-105-20180207	Total/NA	Water	8260B	
MB 550-139297/7	Method Blank	Total/NA	Water	8260B	
LCS 550-139297/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-139297/8	Lab Control Sample Dup	Total/NA	Water	8260B	
550-97610-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
550-97610-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Analysis Batch: 139584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97689-1	SVE-08-60-20180207	Total/NA	Solid	8260B	139222
550-97689-3	SVE-08-70-20180208	Total/NA	Solid	8260B	139222
550-97689-4	SVE-08-80-20180208	Total/NA	Solid	8260B	139222
550-97689-5	SVE-08-90-20180208	Total/NA	Solid	8260B	139222
550-97689-6	SVE-08-100-20180208	Total/NA	Solid	8260B	139222
550-97689-7	SVE-08-100-20180208Dup	Total/NA	Solid	8260B	139222

Analysis Batch: 139635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97689-2	SVE-07-105-20180207	Total/NA	Water	8260B	
MB 550-139635/7	Method Blank	Total/NA	Water	8260B	
LCS 550-139635/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-139635/6	Lab Control Sample Dup	Total/NA	Water	8260B	
550-97678-C-4 MS	Matrix Spike	Total/NA	Water	8260B	
550-97678-C-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-60-20180207 — Lab Sample ID: 550-97689-1

Date Collected: 02/07/18 15:40 — **Matrix: Solid**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139222	02/07/18 15:40	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139584	02/14/18 12:46	TC1	TAL PHX

Client Sample ID: SVE-07-105-20180207 — Lab Sample ID: 550-97689-2

Date Collected: 02/07/18 08:45 — **Matrix: Water**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	139196	02/09/18 16:43	R1K	TAL PHX
Total/NA	Analysis	8260B		1	139635	02/15/18 21:17	R1K	TAL PHX

Client Sample ID: SVE-08-70-20180208 — Lab Sample ID: 550-97689-3

Date Collected: 02/08/18 08:00 — **Matrix: Solid**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139222	02/08/18 08:00	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139584	02/14/18 13:18	TC1	TAL PHX

Client Sample ID: SVE-08-80-20180208 — Lab Sample ID: 550-97689-4

Date Collected: 02/08/18 09:45 — **Matrix: Solid**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139222	02/08/18 09:45	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139584	02/14/18 13:49	TC1	TAL PHX

Client Sample ID: SVE-08-90-20180208 — Lab Sample ID: 550-97689-5

Date Collected: 02/08/18 11:10 — **Matrix: Solid**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139222	02/08/18 11:10	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139584	02/14/18 14:20	TC1	TAL PHX

Client Sample ID: SVE-08-100-20180208 — Lab Sample ID: 550-97689-6

Date Collected: 02/08/18 14:37 — **Matrix: Solid**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139222	02/08/18 14:37	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139584	02/14/18 14:51	TC1	TAL PHX

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Client Sample ID: SVE-08-100-20180208Dup — Lab Sample ID: 550-97689-7

Date Collected: 02/08/18 14:40 — **Matrix: Solid**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139222	02/08/18 14:40	SMS	TAL PHX
Total/NA	Analysis	8260B		1	139584	02/14/18 15:22	TC1	TAL PHX

Client Sample ID: SVE-08-105-20180207 — Lab Sample ID: 550-97689-8

Date Collected: 02/08/18 16:00 — **Matrix: Water**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	139196	02/09/18 17:09	R1K	TAL PHX
Total/NA	Analysis	8260B	DL	10	139297	02/12/18 21:43	TC1	TAL PHX

Client Sample ID: TB-20180207 — Lab Sample ID: 550-97689-9

Date Collected: 02/07/18 00:00 — **Matrix: Water**
Date Received: 02/08/18 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	139196	02/09/18 11:40	R1K	TAL PHX

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Laboratory: TestAmerica Phoenix

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0728	06-09-18

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97689-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013-550 (0116)

CHAIN OF CUSTODY FORM

[ ] Phoenix - 4625 E. Cotton Center Blvd., Suite 189, Phoenix, AZ 85040 (602) 437-3340

97689

2/20/2018

Page 1 of 1

Client Name/Address: Geosyntec, 11811 N. Tatum Blvd Ste#186, Phoenix, AZ 85028

Project/PO Number: SP0158

Project Manager: Brian McNamara

Phone Number: 602-513-5816

Sampler: Matt Williams

Email Address: bmcnamara@geosyntec.com

Analysis Required: 8260B

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	8260B								Special Instructions
SVE-08-60-20180207	soil	glass	2	02-07-18	1540	Methanol	✓								
SVE-07-105-20180207	water	glass	3	02-07-18	0845	HCl	✓								
SVE-08-70-20180208	soil	glass	2	02-08-18	0800	Methanol	✓								
SVE-08-80-20180208	soil	glass	2	02-08-18	0945	Methanol	✓								
SVE-08-90-20180208	soil	glass	2	02-08-18	1110	Methanol	✓								
SVE-08-100-20180208	soil	glass	2	02-08-18	1437	Methanol	✓								
SVE-08-100-20180208Dup	soil	glass	2	02-08-18	1440	Methanol	✓								
SVE-08-105-20180207	water	glass	3	02-08-18	1600	HCl	✓								
TB-20180207							✓								

550-97689 Chain of Custody

Relinquished By:	Date/Time:	Received By:	Date/Time:
Matt Williams	02/08/2018 1712		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:
		[illegible]	2-8-18 17:12

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

P 2.4°C

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 550-97689-1

Login Number: 97689
List Number: 1
Creator: Vilaboy, Monica

List Source: TestAmerica Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	Refer to Job Narrative for details.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Phoenix
4625 East Cotton Ctr Blvd
Suite 189
Phoenix, AZ 85040
Tel: (602)437-3340

TestAmerica Job ID: 550-97811-1
Client Project/Site: SP0158

For:
Geosyntec Consultants, Inc.
11811 N Tatum Blvd
Ste P186
Phoenix, Arizona 85028

Attn: Brian McNamara

Authorized for release by:
2/21/2018 10:45:01 AM

Mary Hamilton, Project Manager I
(602)437-3340
mary.hamilton@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
L5	The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
S4	Surrogate recovery was above laboratory acceptance limits and method acceptance limits. No target analytes were detected in the sample.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample,
M2	Matrix spike recovery was low, the associated blank spike recovery was acceptable.
M1	Matrix spike recovery was high, the associated blank spike recovery was acceptable.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.

Metals

Qualifier	Qualifier Description
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated blank spike was acceptable.
M2	Matrix spike recovery was low, the associated blank spike recovery was acceptable.
M1	Matrix spike recovery was high, the associated blank spike recovery was acceptable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 550-97811-1

Laboratory: TestAmerica Phoenix

Narrative

Job Narrative
550-97811-1

Comments
No additional comments.

Receipt
The samples were received on 2/12/2018 12:01 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

Receipt Exceptions
The following sample was received at the laboratory without a sample collection time documented on the chain of custody: TB (550-97811-8). A sample collection time of 12:00 am was used.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 3050B: The following samples were composited by the laboratory on 02/19/18 as requested on the Chain of Custody: IWD-A-20180212, IWD-B-20180212, IWD-C-20180212, and IWD-D-20180212. The composite was addigned sample ID: Composite (IWD-A,B,C,D-20180212) (550-97811-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-97811-1	SVE-09-60-20180209	Solid	02/09/18 12:58	02/12/18 12:01
550-97811-2	SVE-09-70-20180209	Solid	02/09/18 14:40	02/12/18 12:01
550-97811-3	SVE-09-80-20180209	Solid	02/09/18 16:30	02/12/18 12:01
550-97811-4	SVE-09-90-20180210	Solid	02/10/18 09:05	02/12/18 12:01
550-97811-5	SVE-09-100-20180210	Solid	02/10/18 10:10	02/12/18 12:01
550-97811-6	SVE-09-105-20180210	Water	02/10/18 11:50	02/12/18 12:01
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Solid	02/12/18 09:05	02/12/18 12:01
550-97811-8	TB	Water	02/09/18 00:00	02/12/18 12:01

Detection Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: SVE-09-60-20180209 — Lab Sample ID: 550-97811-1

No Detections.

Client Sample ID: SVE-09-70-20180209 — Lab Sample ID: 550-97811-2

No Detections.

Client Sample ID: SVE-09-80-20180209 — Lab Sample ID: 550-97811-3

No Detections.

Client Sample ID: SVE-09-90-20180210 — Lab Sample ID: 550-97811-4

No Detections.

Client Sample ID: SVE-09-100-20180210 — Lab Sample ID: 550-97811-5

No Detections.

Client Sample ID: SVE-09-105-20180210 — Lab Sample ID: 550-97811-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloroform	23		0.50		ug/L	1		8260B	Total/NA
Dichlorobromomethane	0.53		0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene	4.0		0.50		ug/L	1		8260B	Total/NA

Client Sample ID: Composite (IDW-A,B,C,D-20180212) — Lab Sample ID: 550-97811-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0		mg/Kg	1		6010C	Total/NA
Barium	65		5.0		mg/Kg	1		6010C	Total/NA
Chromium	14		2.0		mg/Kg	1		6010C	Total/NA
Lead	5.7		0.99		mg/Kg	1		6010C	Total/NA

Client Sample ID: TB — Lab Sample ID: 550-97811-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: SVE-09-60-20180209

Date Collected: 02/09/18 12:58
Date Received: 02/12/18 12:01

Lab Sample ID: 550-97811-1

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,1,1-Trichloroethane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,1,2,2-Tetrachloroethane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,1,2-Trichloroethane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,1-Dichloroethane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,1-Dichloroethene	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,1-Dichloropropene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2,3-Trichlorobenzene	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2,3-Trichloropropane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2,4-Trichlorobenzene	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2,4-Trimethylbenzene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2-Dibromo-3-Chloropropane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2-Dibromoethane (EDB)	ND		0.027		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2-Dichlorobenzene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2-Dichloroethane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,2-Dichloropropane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,3,5-Trimethylbenzene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,3-Dichlorobenzene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,3-Dichloropropane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
1,4-Dichlorobenzene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
2,2-Dichloropropane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
2-Butanone (MEK)	ND		0.53		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
2-Chlorotoluene	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
2-Hexanone	ND		0.53		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
4-Chlorotoluene	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
4-Methyl-2-pentanone (MIBK)	ND		0.53		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Acetone	ND		1.1		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Benzene	ND		0.053		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Bromobenzene	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Bromochloromethane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Bromodichloromethane	ND	L5	0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Bromoform	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Bromomethane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Carbon disulfide	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Carbon tetrachloride	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Chlorobenzene	ND		0.053		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Chloroethane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Chloroform	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Chloromethane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
cis-1,2-Dichloroethene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
cis-1,3-Dichloropropene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Chlorodibromomethane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Dibromomethane	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Dichlorodifluoromethane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Ethylbenzene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Hexachlorobutadiene	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Iodomethane	ND		0.27		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Isopropylbenzene	ND		0.11		mg/Kg		02/09/18 12:58	02/15/18 16:40	1
m,p-Xylenes	ND		0.16		mg/Kg		02/09/18 12:58	02/15/18 16:40	1

Client Sample ID: SVE-09-60-20180209

Lab Sample ID: 550-97811-1
Matrix: Solid
Date Collected: 02/09/18 12:58
Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.53	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Methyl tert-butyl ether	ND		0.053	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Naphthalene	ND		0.27	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
n-Butylbenzene	ND		0.27	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
n-Propylbenzene	ND		0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
o-Xylene	ND		0.16	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
sec-Butylbenzene	ND		0.27	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Styrene	ND		0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
tert-Butylbenzene	ND		0.27	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Tetrachloroethene	ND	L5	0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Toluene	ND		0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Trichloroethene	ND		0.11	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Trichlorofluoromethane	ND		0.27	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Vinyl acetate	ND		1.3	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Vinyl chloride	ND		0.053	mg/Kg		02/09/18 12:58	02/15/18 16:40	1
Xylenes, Total	ND		0.32	mg/Kg		02/09/18 12:58	02/15/18 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*34.7 - 143*	*02/09/18 12:58*	*02/15/18 16:40*	*1*
Toluene-d8 (Surr)	*108*		*39.1 - 145*	*02/09/18 12:58*	*02/15/18 16:40*	*1*
4-Bromofluorobenzene (Surr)	*107*		*38.2 - 149*	*02/09/18 12:58*	*02/15/18 16:40*	*1*

Client Sample ID: SVE-09-70-20180209

Lab Sample ID: 550-97811-2
Matrix: Solid
Date Collected: 02/09/18 14:40
Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,1-Dichloroethene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2,3-Trichlorobenzene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2,4-Trichlorobenzene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2-Dibromo-3-Chloropropane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2-Dibromoethane (EDB)	ND		0.028	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: SVE-09-70-20180209

Date Collected: 02/09/18 14:40
Date Received: 02/12/18 12:01

Lab Sample ID: 550-97811-2

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
2-Butanone (MEK)	ND		0.55	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
2-Chlorotoluene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
2-Hexanone	ND		0.55	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
4-Chlorotoluene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
4-Methyl-2-pentanone (MIBK)	ND		0.55	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Acetone	ND		1.1	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Benzene	ND		0.055	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Bromobenzene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Bromochloromethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Bromodichloromethane	ND	L5	0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Bromoform	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Bromomethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Carbon disulfide	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Carbon tetrachloride	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Chlorobenzene	ND		0.055	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Chloroethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Chloroform	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Chloromethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Dibromomethane	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Dichlorodifluoromethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Ethylbenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Hexachlorobutadiene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Iodomethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Isopropylbenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
m,p-Xylenes	ND		0.17	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Methylene Chloride	ND		0.55	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Methyl tert-butyl ether	ND		0.055	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Naphthalene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
n-Butylbenzene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
n-Propylbenzene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
o-Xylene	ND		0.17	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
sec-Butylbenzene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Styrene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
tert-Butylbenzene	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Tetrachloroethene	ND	L5	0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Toluene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Trichloroethene	ND		0.11	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Trichlorofluoromethane	ND		0.28	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Vinyl acetate	ND		1.4	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Vinyl chloride	ND		0.055	mg/Kg		02/09/18 14:40	02/19/18 09:58	1
Xylenes, Total	ND		0.33	mg/Kg		02/09/18 14:40	02/19/18 09:58	1

Client Sample ID: SVE-09-70-20180209

Lab Sample ID: 550-97811-2

Date Collected: 02/09/18 14:40

Matrix: Solid

Date Received: 02/12/18 12:01

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*132*		*34.7 - 143*	*02/09/18 14:40*	*02/19/18 09:58*	*1*
Toluene-d8 (Surr)	*115*		*39.1 - 145*	*02/09/18 14:40*	*02/19/18 09:58*	*1*
4-Bromofluorobenzene (Surr)	*102*		*38.2 - 149*	*02/09/18 14:40*	*02/19/18 09:58*	*1*

Client Sample ID: SVE-09-80-20180209

Lab Sample ID: 550-97811-3

Date Collected: 02/09/18 16:30

Matrix: Solid

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,1-Dichloroethene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2,3-Trichlorobenzene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2,4-Trichlorobenzene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2-Dibromo-3-Chloropropane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2-Dibromoethane (EDB)	ND		0.028	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
2-Butanone (MEK)	ND		0.55	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
2-Chlorotoluene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
2-Hexanone	ND		0.55	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
4-Chlorotoluene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.55	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Acetone	ND		1.1	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Benzene	ND		0.055	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Bromobenzene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Bromochloromethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Bromodichloromethane	ND	L5	0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Bromoform	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Bromomethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Carbon disulfide	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Carbon tetrachloride	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Chlorobenzene	ND		0.055	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Chloroethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Chloroform	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Chloromethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1

Client Sample ID: SVE-09-80-20180209

Lab Sample ID: 550-97811-3
Matrix: Solid
Date Collected: 02/09/18 16:30
Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Dibromomethane	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Dichlorodifluoromethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Ethylbenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Hexachlorobutadiene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Iodomethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Isopropylbenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
m,p-Xylenes	ND		0.17	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Methylene Chloride	ND		0.55	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Methyl tert-butyl ether	ND		0.055	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Naphthalene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
n-Butylbenzene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
n-Propylbenzene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
o-Xylene	ND		0.17	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
sec-Butylbenzene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Styrene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
tert-Butylbenzene	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Tetrachloroethene	ND	L5	0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Toluene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Trichloroethene	ND		0.11	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Trichlorofluoromethane	ND		0.28	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Vinyl acetate	ND		1.4	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Vinyl chloride	ND		0.055	mg/Kg		02/09/18 16:30	02/19/18 10:29	1
Xylenes, Total	ND		0.33	mg/Kg		02/09/18 16:30	02/19/18 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*34.7 - 143*	*02/09/18 16:30*	*02/19/18 10:29*	*1*
Toluene-d8 (Surr)	*107*		*39.1 - 145*	*02/09/18 16:30*	*02/19/18 10:29*	*1*
4-Bromofluorobenzene (Surr)	*98*		*38.2 - 149*	*02/09/18 16:30*	*02/19/18 10:29*	*1*

Client Sample ID: SVE-09-90-20180210

Lab Sample ID: 550-97811-4
Matrix: Solid
Date Collected: 02/10/18 09:05
Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,1-Dichloroethene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2,3-Trichlorobenzene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2,4-Trichlorobenzene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: SVE-09-90-20180210

Lab Sample ID: 550-97811-4

Date Collected: 02/10/18 09:05

Matrix: Solid

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2-Dibromo-3-Chloropropane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2-Dibromoethane (EDB)	ND		0.026	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
2-Butanone (MEK)	ND		0.53	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
2-Chlorotoluene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
2-Hexanone	ND		0.53	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
4-Chlorotoluene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.53	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Acetone	ND		1.1	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Benzene	ND		0.053	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Bromobenzene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Bromochloromethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Bromodichloromethane	ND	L5	0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Bromoform	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Bromomethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Carbon disulfide	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Carbon tetrachloride	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Chlorobenzene	ND		0.053	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Chloroethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Chloroform	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Chloromethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Dibromomethane	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Dichlorodifluoromethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Ethylbenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Hexachlorobutadiene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Iodomethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Isopropylbenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
m,p-Xylenes	ND		0.16	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Methylene Chloride	ND		0.53	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Methyl tert-butyl ether	ND		0.053	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Naphthalene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
n-Butylbenzene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
n-Propylbenzene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
o-Xylene	ND		0.16	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
sec-Butylbenzene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Styrene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
tert-Butylbenzene	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1

Client Sample ID: SVE-09-90-20180210

Lab Sample ID: 550-97811-4

Date Collected: 02/10/18 09:05

Matrix: Solid

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	L5	0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Toluene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Trichloroethene	ND		0.11	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Trichlorofluoromethane	ND		0.26	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Vinyl acetate	ND		1.3	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Vinyl chloride	ND		0.053	mg/Kg		02/10/18 09:05	02/19/18 11:00	1
Xylenes, Total	ND		0.32	mg/Kg		02/10/18 09:05	02/19/18 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*145*	*S4*	*34.7 - 143*	*02/10/18 09:05*	*02/19/18 11:00*	*1*
Toluene-d8 (Surr)	*112*		*39.1 - 145*	*02/10/18 09:05*	*02/19/18 11:00*	*1*
4-Bromofluorobenzene (Surr)	*102*		*38.2 - 149*	*02/10/18 09:05*	*02/19/18 11:00*	*1*

Client Sample ID: SVE-09-100-20180210

Lab Sample ID: 550-97811-5

Date Collected: 02/10/18 10:10

Matrix: Solid

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,1,1-Trichloroethane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,1,2-Trichloroethane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,1-Dichloroethane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,1-Dichloroethene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,1-Dichloropropene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2,3-Trichlorobenzene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2,3-Trichloropropane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2,4-Trichlorobenzene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2,4-Trimethylbenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2-Dibromo-3-Chloropropane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2-Dibromoethane (EDB)	ND		0.027	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2-Dichlorobenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2-Dichloroethane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,2-Dichloropropane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,3,5-Trimethylbenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,3-Dichlorobenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,3-Dichloropropane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
1,4-Dichlorobenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
2,2-Dichloropropane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
2-Butanone (MEK)	ND		0.54	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
2-Chlorotoluene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
2-Hexanone	ND		0.54	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
4-Chlorotoluene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
4-Methyl-2-pentanone (MIBK)	ND		0.54	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Acetone	ND		1.1	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Benzene	ND		0.054	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Bromobenzene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: SVE-09-100-20180210

Date Collected: 02/10/18 10:10
Date Received: 02/12/18 12:01

Lab Sample ID: 550-97811-5

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Bromodichloromethane	ND	L5	0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Bromoform	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Bromomethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Carbon disulfide	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Carbon tetrachloride	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Chlorobenzene	ND		0.054	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Chloroethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Chloroform	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Chloromethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
cis-1,2-Dichloroethene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
cis-1,3-Dichloropropene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Chlorodibromomethane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Dibromomethane	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Dichlorodifluoromethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Ethylbenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Hexachlorobutadiene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Iodomethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Isopropylbenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
m,p-Xylenes	ND		0.16	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Methylene Chloride	ND		0.54	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Methyl tert-butyl ether	ND		0.054	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Naphthalene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
n-Butylbenzene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
n-Propylbenzene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
o-Xylene	ND		0.16	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
p-Isopropyltoluene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
sec-Butylbenzene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Styrene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
tert-Butylbenzene	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Tetrachloroethene	ND	L5	0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Toluene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
trans-1,2-Dichloroethene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
trans-1,3-Dichloropropene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Trichloroethene	ND		0.11	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Trichlorofluoromethane	ND		0.27	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Vinyl acetate	ND		1.4	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Vinyl chloride	ND		0.054	mg/Kg		02/10/18 10:10	02/19/18 11:31	1
Xylenes, Total	ND		0.33	mg/Kg		02/10/18 10:10	02/19/18 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*125*		*34.7 - 143*	*02/10/18 10:10*	*02/19/18 11:31*	*1*
Toluene-d8 (Surr)	*100*		*39.1 - 145*	*02/10/18 10:10*	*02/19/18 11:31*	*1*
4-Bromofluorobenzene (Surr)	*92*		*38.2 - 149*	*02/10/18 10:10*	*02/19/18 11:31*	*1*

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: SVE-09-105-20180210

Lab Sample ID: 550-97811-6

Date Collected: 02/10/18 11:50

Matrix: Water

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			02/13/18 14:08	1
1,1,1-Trichloroethane	ND		0.50	ug/L			02/13/18 14:08	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			02/13/18 14:08	1
1,1,2-Trichloroethane	ND		0.50	ug/L			02/13/18 14:08	1
1,1-Dichloroethane	ND		0.50	ug/L			02/13/18 14:08	1
1,1-Dichloroethene	ND		0.50	ug/L			02/13/18 14:08	1
1,1-Dichloropropene	ND		0.50	ug/L			02/13/18 14:08	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			02/13/18 14:08	1
1,2,3-Trichloropropane	ND		2.0	ug/L			02/13/18 14:08	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			02/13/18 14:08	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			02/13/18 14:08	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/13/18 14:08	1
1,2-Dichlorobenzene	ND		0.50	ug/L			02/13/18 14:08	1
1,2-Dichloroethane	ND		0.50	ug/L			02/13/18 14:08	1
1,2-Dichloropropane	ND		0.50	ug/L			02/13/18 14:08	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			02/13/18 14:08	1
1,3-Dichlorobenzene	ND		0.50	ug/L			02/13/18 14:08	1
1,3-Dichloropropane	ND		0.50	ug/L			02/13/18 14:08	1
1,4-Dichlorobenzene	ND		0.50	ug/L			02/13/18 14:08	1
2,2-Dichloropropane	ND		1.0	ug/L			02/13/18 14:08	1
2-Butanone (MEK)	ND	V1	5.0	ug/L			02/13/18 14:08	1
2-Chlorotoluene	ND		0.50	ug/L			02/13/18 14:08	1
2-Hexanone	ND		5.0	ug/L			02/13/18 14:08	1
4-Chlorotoluene	ND		0.50	ug/L			02/13/18 14:08	1
4-Isopropyltoluene	ND		0.50	ug/L			02/13/18 14:08	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	ug/L			02/13/18 14:08	1
Acetone	ND		10	ug/L			02/13/18 14:08	1
Benzene	ND		0.50	ug/L			02/13/18 14:08	1
Bromobenzene	ND		0.50	ug/L			02/13/18 14:08	1
Bromoform	ND		1.0	ug/L			02/13/18 14:08	1
Bromomethane	ND		1.0	ug/L			02/13/18 14:08	1
Carbon disulfide	ND		1.0	ug/L			02/13/18 14:08	1
Carbon tetrachloride	ND		0.50	ug/L			02/13/18 14:08	1
Chlorobenzene	ND		0.50	ug/L			02/13/18 14:08	1
Chlorobromomethane	ND	L5	0.50	ug/L			02/13/18 14:08	1
Chlorodibromomethane	ND		0.50	ug/L			02/13/18 14:08	1
Chloroethane	ND		1.0	ug/L			02/13/18 14:08	1
Chloroform	**23**		0.50	ug/L			02/13/18 14:08	1
Chloromethane	ND		1.0	ug/L			02/13/18 14:08	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			02/13/18 14:08	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			02/13/18 14:08	1
Dibromomethane	ND		0.50	ug/L			02/13/18 14:08	1
Dichlorobromomethane	**0.53**		0.50	ug/L			02/13/18 14:08	1
Dichlorodifluoromethane	ND	V1	0.50	ug/L			02/13/18 14:08	1
Ethylbenzene	ND		0.50	ug/L			02/13/18 14:08	1
Ethylene Dibromide	ND		0.50	ug/L			02/13/18 14:08	1
Hexachlorobutadiene	ND		1.0	ug/L			02/13/18 14:08	1
Iodomethane	ND		2.5	ug/L			02/13/18 14:08	1
Isopropylbenzene	ND		0.50	ug/L			02/13/18 14:08	1

Client Sample ID: SVE-09-105-20180210

Lab Sample ID: 550-97811-6

Date Collected: 02/10/18 11:50

Matrix: Water

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	ug/L			02/13/18 14:08	1
Methylene Chloride	ND		1.0	ug/L			02/13/18 14:08	1
m-Xylene & p-Xylene	ND		1.0	ug/L			02/13/18 14:08	1
Naphthalene	ND		2.5	ug/L			02/13/18 14:08	1
n-Butylbenzene	ND		0.50	ug/L			02/13/18 14:08	1
N-Propylbenzene	ND		0.50	ug/L			02/13/18 14:08	1
o-Xylene	ND		0.50	ug/L			02/13/18 14:08	1
sec-Butylbenzene	ND		0.50	ug/L			02/13/18 14:08	1
Styrene	ND		0.50	ug/L			02/13/18 14:08	1
tert-Butylbenzene	ND		0.50	ug/L			02/13/18 14:08	1
Tetrachloroethene	**4.0**		0.50	ug/L			02/13/18 14:08	1
Toluene	ND		0.50	ug/L			02/13/18 14:08	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			02/13/18 14:08	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			02/13/18 14:08	1
Trichloroethene	ND		0.50	ug/L			02/13/18 14:08	1
Trichlorofluoromethane	ND		0.50	ug/L			02/13/18 14:08	1
Vinyl acetate	ND		2.0	ug/L			02/13/18 14:08	1
Vinyl chloride	ND		0.50	ug/L			02/13/18 14:08	1
Xylenes, Total	ND		1.5	ug/L			02/13/18 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/13/18 14:08*	*1*
Dibromofluoromethane (Surr)	*118*		*70 - 130*		*02/13/18 14:08*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*02/13/18 14:08*	*1*

Client Sample ID: Composite (IDW-A,B,C,D-20180212)

Lab Sample ID: 550-97811-7

Date Collected: 02/12/18 09:05

Matrix: Solid

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,1,1-Trichloroethane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,1,2,2-Tetrachloroethane	ND	M2	100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,1,2-Trichloroethane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,1-Dichloroethane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,1-Dichloroethene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,1-Dichloropropene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2,3-Trichlorobenzene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2,3-Trichloropropane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2,4-Trichlorobenzene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2,4-Trimethylbenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2-Dibromo-3-Chloropropane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2-Dibromoethane (EDB)	ND		25	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2-Dichlorobenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2-Dichloroethane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,2-Dichloropropane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,3,5-Trimethylbenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,3-Dichlorobenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
1,3-Dichloropropane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1

Client Sample ID: Composite (IDW-A,B,C,D-20180212)

Lab Sample ID: 550-97811-7

Date Collected: 02/12/18 09:05

Matrix: Solid

Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
2,2-Dichloropropane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
2-Butanone (MEK)	ND		500	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
2-Chlorotoluene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
2-Hexanone	ND		500	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
4-Chlorotoluene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
4-Methyl-2-pentanone (MIBK)	ND		500	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Acetone	ND		1000	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Benzene	ND		50	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Bromobenzene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Bromochloromethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Bromodichloromethane	ND	L5	100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Bromoform	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Bromomethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Carbon disulfide	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Carbon tetrachloride	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Chlorobenzene	ND		50	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Chloroethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Chloroform	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Chloromethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
cis-1,2-Dichloroethene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
cis-1,3-Dichloropropene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Chlorodibromomethane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Dibromomethane	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Dichlorodifluoromethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Ethylbenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Hexachlorobutadiene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Iodomethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Isopropylbenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
m,p-Xylenes	ND		150	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Methylene Chloride	ND		500	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Methyl tert-butyl ether	ND		50	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Naphthalene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
n-Butylbenzene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
n-Propylbenzene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
o-Xylene	ND		150	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
p-Isopropyltoluene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
sec-Butylbenzene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Styrene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
tert-Butylbenzene	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Tetrachloroethene	ND	L5	100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Toluene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
trans-1,2-Dichloroethene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
trans-1,3-Dichloropropene	ND		100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Trichloroethene	ND	M1	100	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Trichlorofluoromethane	ND		250	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Vinyl acetate	ND	M2	1300	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Vinyl chloride	ND		50	ug/Kg		02/13/18 14:38	02/14/18 12:15	1
Xylenes, Total	ND		300	ug/Kg		02/13/18 14:38	02/14/18 12:15	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: Composite (IDW-A,B,C,D-20180212)

Lab Sample ID: 550-97811-7
Date Collected: 02/12/18 09:05
Matrix: Solid
Date Received: 02/12/18 12:01

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*87*		*34.7 - 143*	*02/13/18 14:38*	*02/14/18 12:15*	*1*
Toluene-d8 (Surr)	*85*		*39.1 - 145*	*02/13/18 14:38*	*02/14/18 12:15*	*1*
4-Bromofluorobenzene (Surr)	*81*		*38.2 - 149*	*02/13/18 14:38*	*02/14/18 12:15*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		3.0	mg/Kg		02/19/18 10:18	02/19/18 14:01	1
Barium	**65**		5.0	mg/Kg		02/19/18 10:18	02/19/18 14:01	1
Cadmium	ND		0.50	mg/Kg		02/19/18 10:18	02/19/18 14:01	1
Chromium	**14**		2.0	mg/Kg		02/19/18 10:18	02/19/18 14:01	1
Lead	**5.7**		0.99	mg/Kg		02/19/18 10:18	02/19/18 14:43	1
Selenium	ND		5.0	mg/Kg		02/19/18 10:18	02/19/18 14:01	1
Silver	ND		2.5	mg/Kg		02/19/18 10:18	02/19/18 14:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.058	mg/Kg		02/19/18 10:55	02/19/18 13:30	1

Client Sample ID: TB

Lab Sample ID: 550-97811-8
Date Collected: 02/09/18 00:00
Matrix: Water
Date Received: 02/12/18 12:01

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			02/13/18 14:33	1
1,1,1-Trichloroethane	ND		0.50	ug/L			02/13/18 14:33	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			02/13/18 14:33	1
1,1,2-Trichloroethane	ND		0.50	ug/L			02/13/18 14:33	1
1,1-Dichloroethane	ND		0.50	ug/L			02/13/18 14:33	1
1,1-Dichloroethene	ND		0.50	ug/L			02/13/18 14:33	1
1,1-Dichloropropene	ND		0.50	ug/L			02/13/18 14:33	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			02/13/18 14:33	1
1,2,3-Trichloropropane	ND		2.0	ug/L			02/13/18 14:33	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			02/13/18 14:33	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/13/18 14:33	1
1,2-Dichlorobenzene	ND		0.50	ug/L			02/13/18 14:33	1
1,2-Dichloroethane	ND		0.50	ug/L			02/13/18 14:33	1
1,2-Dichloropropane	ND		0.50	ug/L			02/13/18 14:33	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
1,3-Dichlorobenzene	ND		0.50	ug/L			02/13/18 14:33	1
1,3-Dichloropropane	ND		0.50	ug/L			02/13/18 14:33	1
1,4-Dichlorobenzene	ND		0.50	ug/L			02/13/18 14:33	1
2,2-Dichloropropane	ND		1.0	ug/L			02/13/18 14:33	1
2-Butanone (MEK)	ND	V1	5.0	ug/L			02/13/18 14:33	1
2-Chlorotoluene	ND		0.50	ug/L			02/13/18 14:33	1
2-Hexanone	ND		5.0	ug/L			02/13/18 14:33	1
4-Chlorotoluene	ND		0.50	ug/L			02/13/18 14:33	1
4-Isopropyltoluene	ND		0.50	ug/L			02/13/18 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	ug/L			02/13/18 14:33	1
Acetone	ND		10	ug/L			02/13/18 14:33	1

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: TB

Date Collected: 02/09/18 00:00
Date Received: 02/12/18 12:01

Lab Sample ID: 550-97811-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			02/13/18 14:33	1
Bromobenzene	ND		0.50	ug/L			02/13/18 14:33	1
Bromoform	ND		1.0	ug/L			02/13/18 14:33	1
Bromomethane	ND		1.0	ug/L			02/13/18 14:33	1
Carbon disulfide	ND		1.0	ug/L			02/13/18 14:33	1
Carbon tetrachloride	ND		0.50	ug/L			02/13/18 14:33	1
Chlorobenzene	ND		0.50	ug/L			02/13/18 14:33	1
Chlorobromomethane	ND	L5	0.50	ug/L			02/13/18 14:33	1
Chlorodibromomethane	ND		0.50	ug/L			02/13/18 14:33	1
Chloroethane	ND		1.0	ug/L			02/13/18 14:33	1
Chloroform	ND		0.50	ug/L			02/13/18 14:33	1
Chloromethane	ND		1.0	ug/L			02/13/18 14:33	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			02/13/18 14:33	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			02/13/18 14:33	1
Dibromomethane	ND		0.50	ug/L			02/13/18 14:33	1
Dichlorobromomethane	ND		0.50	ug/L			02/13/18 14:33	1
Dichlorodifluoromethane	ND	V1	0.50	ug/L			02/13/18 14:33	1
Ethylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
Ethylene Dibromide	ND		0.50	ug/L			02/13/18 14:33	1
Hexachlorobutadiene	ND		1.0	ug/L			02/13/18 14:33	1
Iodomethane	ND		2.5	ug/L			02/13/18 14:33	1
Isopropylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
Methyl tert-butyl ether	ND		0.50	ug/L			02/13/18 14:33	1
Methylene Chloride	ND		1.0	ug/L			02/13/18 14:33	1
m-Xylene & p-Xylene	ND		1.0	ug/L			02/13/18 14:33	1
Naphthalene	ND		2.5	ug/L			02/13/18 14:33	1
n-Butylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
N-Propylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
o-Xylene	ND		0.50	ug/L			02/13/18 14:33	1
sec-Butylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
Styrene	ND		0.50	ug/L			02/13/18 14:33	1
tert-Butylbenzene	ND		0.50	ug/L			02/13/18 14:33	1
Tetrachloroethene	ND		0.50	ug/L			02/13/18 14:33	1
Toluene	ND		0.50	ug/L			02/13/18 14:33	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			02/13/18 14:33	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			02/13/18 14:33	1
Trichloroethene	ND		0.50	ug/L			02/13/18 14:33	1
Trichlorofluoromethane	ND		0.50	ug/L			02/13/18 14:33	1
Vinyl acetate	ND		2.0	ug/L			02/13/18 14:33	1
Vinyl chloride	ND		0.50	ug/L			02/13/18 14:33	1
Xylenes, Total	ND		1.5	ug/L			02/13/18 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/13/18 14:33*	*1*
Dibromofluoromethane (Surr)	*119*		*70 - 130*		*02/13/18 14:33*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*02/13/18 14:33*	*1*

Surrogate Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(34.7-143)	(39.1-145)	(38.2-149)
550-97811-1	SVE-09-60-20180209	112	108	107
550-97811-2	SVE-09-70-20180209	132	115	102
550-97811-3	SVE-09-80-20180209	124	107	98
550-97811-4	SVE-09-90-20180210	145 S4	112	102
550-97811-5	SVE-09-100-20180210	125	100	92
550-97811-7	Composite (IDW-A,B,C,D-20180212)	87	85	81
550-97811-7 MS	Composite (IDW-A,B,C,D-20180212)	99	92	97
550-97811-7 MSD	Composite (IDW-A,B,C,D-20180212)	89	89	86
LCS 550-139546/2-A	Lab Control Sample	104	98	99
LCSD 550-139546/3-A	Lab Control Sample Dup	99	101	99
MB 550-139546/1-A	Method Blank	90	85	88

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
550-97811-6	SVE-09-105-20180210	104	118	109
550-97811-8	TB	104	119	109
550-97814-B-1 MS	Matrix Spike	89	113	97
550-97814-C-1 MSD	Matrix Spike Duplicate	87	107	96
LCS 550-139415/3	Lab Control Sample	86	107	93
LCSD 550-139415/4	Lab Control Sample Dup	89	109	93
MB 550-139415/5	Method Blank	101	123	109

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-139415/5
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			02/13/18 12:25	1
1,1,1-Trichloroethane	ND		0.50	ug/L			02/13/18 12:25	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			02/13/18 12:25	1
1,1,2-Trichloroethane	ND		0.50	ug/L			02/13/18 12:25	1
1,1-Dichloroethane	ND		0.50	ug/L			02/13/18 12:25	1
1,1-Dichloroethene	ND		0.50	ug/L			02/13/18 12:25	1
1,1-Dichloropropene	ND		0.50	ug/L			02/13/18 12:25	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			02/13/18 12:25	1
1,2,3-Trichloropropane	ND		2.0	ug/L			02/13/18 12:25	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			02/13/18 12:25	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			02/13/18 12:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/13/18 12:25	1
1,2-Dichlorobenzene	ND		0.50	ug/L			02/13/18 12:25	1
1,2-Dichloroethane	ND		0.50	ug/L			02/13/18 12:25	1
1,2-Dichloropropane	ND		0.50	ug/L			02/13/18 12:25	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			02/13/18 12:25	1
1,3-Dichlorobenzene	ND		0.50	ug/L			02/13/18 12:25	1
1,3-Dichloropropane	ND		0.50	ug/L			02/13/18 12:25	1
1,4-Dichlorobenzene	ND		0.50	ug/L			02/13/18 12:25	1
2,2-Dichloropropane	ND		1.0	ug/L			02/13/18 12:25	1
2-Butanone (MEK)	ND	V1	5.0	ug/L			02/13/18 12:25	1
2-Chlorotoluene	ND		0.50	ug/L			02/13/18 12:25	1
2-Hexanone	ND		5.0	ug/L			02/13/18 12:25	1
4-Chlorotoluene	ND		0.50	ug/L			02/13/18 12:25	1
4-Isopropyltoluene	ND		0.50	ug/L			02/13/18 12:25	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	ug/L			02/13/18 12:25	1
Acetone	ND		10	ug/L			02/13/18 12:25	1
Benzene	ND		0.50	ug/L			02/13/18 12:25	1
Bromobenzene	ND		0.50	ug/L			02/13/18 12:25	1
Bromoform	ND		1.0	ug/L			02/13/18 12:25	1
Bromomethane	ND		1.0	ug/L			02/13/18 12:25	1
Carbon disulfide	ND		1.0	ug/L			02/13/18 12:25	1
Carbon tetrachloride	ND		0.50	ug/L			02/13/18 12:25	1
Chlorobenzene	ND		0.50	ug/L			02/13/18 12:25	1
Chlorobromomethane	ND		0.50	ug/L			02/13/18 12:25	1
Chlorodibromomethane	ND		0.50	ug/L			02/13/18 12:25	1
Chloroethane	ND		1.0	ug/L			02/13/18 12:25	1
Chloroform	ND		0.50	ug/L			02/13/18 12:25	1
Chloromethane	ND		1.0	ug/L			02/13/18 12:25	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			02/13/18 12:25	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			02/13/18 12:25	1
Dibromomethane	ND		0.50	ug/L			02/13/18 12:25	1
Dichlorobromomethane	ND		0.50	ug/L			02/13/18 12:25	1
Dichlorodifluoromethane	ND	V1	0.50	ug/L			02/13/18 12:25	1
Ethylbenzene	ND		0.50	ug/L			02/13/18 12:25	1
Ethylene Dibromide	ND		0.50	ug/L			02/13/18 12:25	1
Hexachlorobutadiene	ND		1.0	ug/L			02/13/18 12:25	1
Iodomethane	ND		2.5	ug/L			02/13/18 12:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-139415/5
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50		ug/L			02/13/18 12:25	1
Methyl tert-butyl ether	ND		0.50		ug/L			02/13/18 12:25	1
Methylene Chloride	ND		1.0		ug/L			02/13/18 12:25	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/13/18 12:25	1
Naphthalene	ND		2.5		ug/L			02/13/18 12:25	1
n-Butylbenzene	ND		0.50		ug/L			02/13/18 12:25	1
N-Propylbenzene	ND		0.50		ug/L			02/13/18 12:25	1
o-Xylene	ND		0.50		ug/L			02/13/18 12:25	1
sec-Butylbenzene	ND		0.50		ug/L			02/13/18 12:25	1
Styrene	ND		0.50		ug/L			02/13/18 12:25	1
tert-Butylbenzene	ND		0.50		ug/L			02/13/18 12:25	1
Tetrachloroethene	ND		0.50		ug/L			02/13/18 12:25	1
Toluene	ND		0.50		ug/L			02/13/18 12:25	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/13/18 12:25	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/13/18 12:25	1
Trichloroethene	ND		0.50		ug/L			02/13/18 12:25	1
Trichlorofluoromethane	ND		0.50		ug/L			02/13/18 12:25	1
Vinyl acetate	ND		2.0		ug/L			02/13/18 12:25	1
Vinyl chloride	ND		0.50		ug/L			02/13/18 12:25	1
Xylenes, Total	ND		1.5		ug/L			02/13/18 12:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/13/18 12:25*	*1*
Dibromofluoromethane (Surr)	*123*		*70 - 130*		*02/13/18 12:25*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*02/13/18 12:25*	*1*

Lab Sample ID: LCS 550-139415/3
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	28.0		ug/L		112	83 - 125
1,1,1-Trichloroethane	25.0	28.0		ug/L		112	66 - 150
1,1,2,2-Tetrachloroethane	25.0	26.0		ug/L		104	70 - 126
1,1,2-Trichloroethane	25.0	29.0		ug/L		116	82 - 121
1,1-Dichloroethane	25.0	27.3		ug/L		109	80 - 122
1,1-Dichloroethene	25.0	28.3		ug/L		113	80 - 120
1,1-Dichloropropene	25.0	23.6		ug/L		95	84 - 119
1,2,3-Trichlorobenzene	25.0	24.7		ug/L		99	71 - 140
1,2,3-Trichloropropane	25.0	27.9		ug/L		112	74 - 130
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		98	80 - 127
1,2,4-Trimethylbenzene	25.0	22.4		ug/L		89	82 - 121
1,2-Dibromo-3-Chloropropane	25.0	27.6		ug/L		110	59 - 146
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	79 - 119
1,2-Dichloroethane	25.0	24.4		ug/L		98	72 - 136
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 123
1,3,5-Trimethylbenzene	25.0	21.6		ug/L		86	82 - 120
1,3-Dichlorobenzene	25.0	25.4		ug/L		101	78 - 118

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139415/3
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	25.0	28.1		ug/L		112	82 - 118
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	78 - 116
2,2-Dichloropropane	25.0	32.2		ug/L		129	65 - 150
2-Butanone (MEK)	25.0	36.6	V1	ug/L		146	42 - 150
2-Chlorotoluene	25.0	21.9		ug/L		88	80 - 117
2-Hexanone	25.0	29.3		ug/L		117	49 - 150
4-Chlorotoluene	25.0	22.2		ug/L		89	80 - 117
4-Isopropyltoluene	25.0	22.0		ug/L		88	81 - 119
4-Methyl-2-pentanone (MIBK)	25.0	28.5		ug/L		114	57 - 146
Acetone	25.0	20.3		ug/L		81	10 - 150
Benzene	25.0	24.2		ug/L		97	82 - 115
Bromobenzene	25.0	25.3		ug/L		101	81 - 120
Bromoform	25.0	28.9		ug/L		116	74 - 133
Bromomethane	25.0	28.9		ug/L		115	77 - 130
Carbon disulfide	25.0	25.8		ug/L		103	70 - 141
Carbon tetrachloride	25.0	26.3		ug/L		105	68 - 152
Chlorobenzene	25.0	25.8		ug/L		103	83 - 118
Chlorobromomethane	25.0	32.1	L5	ug/L		128	83 - 121
Chlorodibromomethane	25.0	29.5		ug/L		118	81 - 134
Chloroethane	25.0	26.8		ug/L		107	77 - 127
Chloroform	25.0	27.5		ug/L		110	79 - 128
Chloromethane	25.0	29.6		ug/L		118	64 - 133
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	83 - 119
cis-1,3-Dichloropropene	25.0	27.4		ug/L		109	84 - 120
Dibromomethane	25.0	27.5		ug/L		110	84 - 122
Dichlorobromomethane	25.0	25.5		ug/L		102	81 - 125
Dichlorodifluoromethane	25.0	35.2	V1	ug/L		141	56 - 143
Ethylbenzene	25.0	24.2		ug/L		97	85 - 118
Ethylene Dibromide	25.0	30.1		ug/L		120	84 - 124
Hexachlorobutadiene	25.0	22.0		ug/L		88	76 - 128
Iodomethane	25.0	28.2		ug/L		113	55 - 145
Isopropylbenzene	25.0	22.1		ug/L		88	81 - 119
Methyl tert-butyl ether	25.0	27.4		ug/L		110	77 - 130
Methylene Chloride	25.0	27.4		ug/L		109	77 - 119
m-Xylene & p-Xylene	25.0	22.5		ug/L		90	78 - 121
Naphthalene	25.0	25.1		ug/L		100	74 - 134
n-Butylbenzene	25.0	22.2		ug/L		89	78 - 121
N-Propylbenzene	25.0	21.6		ug/L		86	77 - 120
o-Xylene	25.0	23.0		ug/L		92	79 - 120
sec-Butylbenzene	25.0	21.6		ug/L		87	81 - 119
Styrene	25.0	23.0		ug/L		92	78 - 125
Tetrachloroethene	25.0	26.1		ug/L		105	79 - 126
Toluene	25.0	24.6		ug/L		98	83 - 117
trans-1,2-Dichloroethene	25.0	27.4		ug/L		110	79 - 125
trans-1,3-Dichloropropene	25.0	29.0		ug/L		116	84 - 122
Trichloroethene	25.0	23.8		ug/L		95	83 - 121
Trichlorofluoromethane	25.0	29.9		ug/L		119	70 - 145
Vinyl acetate	25.0	33.4		ug/L		134	66 - 148

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139415/3
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	25.0	30.5		ug/L		122	74 - 127
Xylenes, Total	50.0	45.5		ug/L		91	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 550-139415/4
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	27.6		ug/L		110	83 - 125	1	20
1,1,1-Trichloroethane	25.0	27.5		ug/L		110	66 - 150	2	20
1,1,2,2-Tetrachloroethane	25.0	27.3		ug/L		109	70 - 126	5	20
1,1,2-Trichloroethane	25.0	29.2		ug/L		117	82 - 121	1	20
1,1-Dichloroethane	25.0	27.3		ug/L		109	80 - 122	0	20
1,1-Dichloroethene	25.0	27.8		ug/L		111	80 - 120	2	35
1,1-Dichloropropene	25.0	22.9		ug/L		92	84 - 119	3	35
1,2,3-Trichlorobenzene	25.0	24.7		ug/L		99	71 - 140	0	20
1,2,3-Trichloropropane	25.0	28.9		ug/L		116	74 - 130	4	35
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	80 - 127	3	20
1,2,4-Trimethylbenzene	25.0	22.8		ug/L		91	82 - 121	2	20
1,2-Dibromo-3-Chloropropane	25.0	27.5		ug/L		110	59 - 146	0	35
1,2-Dichlorobenzene	25.0	27.3		ug/L		109	79 - 119	3	20
1,2-Dichloroethane	25.0	26.8		ug/L		107	72 - 136	9	20
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 123	1	20
1,3,5-Trimethylbenzene	25.0	21.8		ug/L		87	82 - 120	1	20
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	78 - 118	4	35
1,3-Dichloropropane	25.0	28.9		ug/L		116	82 - 118	3	20
1,4-Dichlorobenzene	25.0	26.9		ug/L		108	78 - 116	3	20
2,2-Dichloropropane	25.0	30.2		ug/L		121	65 - 150	6	20
2-Butanone (MEK)	25.0	32.1	V1	ug/L		128	42 - 150	13	20
2-Chlorotoluene	25.0	22.4		ug/L		89	80 - 117	2	20
2-Hexanone	25.0	30.2		ug/L		121	49 - 150	3	35
4-Chlorotoluene	25.0	22.6		ug/L		91	80 - 117	2	20
4-Isopropyltoluene	25.0	22.3		ug/L		89	81 - 119	1	20
4-Methyl-2-pentanone (MIBK)	25.0	28.3		ug/L		113	57 - 146	1	20
Acetone	25.0	18.2		ug/L		73	10 - 150	11	20
Benzene	25.0	23.6		ug/L		95	82 - 115	2	20
Bromobenzene	25.0	26.6		ug/L		106	81 - 120	5	20
Bromoform	25.0	29.9		ug/L		120	74 - 133	3	35
Bromomethane	25.0	27.8		ug/L		111	77 - 130	4	20
Carbon disulfide	25.0	27.1		ug/L		108	70 - 141	5	35
Carbon tetrachloride	25.0	24.8		ug/L		99	68 - 152	6	20
Chlorobenzene	25.0	26.2		ug/L		105	83 - 118	2	20
Chlorobromomethane	25.0	30.3		ug/L		121	83 - 121	6	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-139415/4
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorodibromomethane	25.0	29.6		ug/L		119	81 - 134	1	20
Chloroethane	25.0	27.1		ug/L		108	77 - 127	1	20
Chloroform	25.0	26.4		ug/L		106	79 - 128	4	20
Chloromethane	25.0	29.2		ug/L		117	64 - 133	1	20
cis-1,2-Dichloroethene	25.0	23.9		ug/L		95	83 - 119	5	20
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	84 - 120	0	35
Dibromomethane	25.0	27.7		ug/L		111	84 - 122	1	20
Dichlorobromomethane	25.0	25.0		ug/L		100	81 - 125	2	20
Dichlorodifluoromethane	25.0	35.7	V1	ug/L		143	56 - 143	1	35
Ethylbenzene	25.0	24.1		ug/L		97	85 - 118	0	20
Ethylene Dibromide	25.0	31.0		ug/L		124	84 - 124	3	35
Hexachlorobutadiene	25.0	22.2		ug/L		89	76 - 128	1	20
Iodomethane	25.0	27.9		ug/L		112	55 - 145	1	20
Isopropylbenzene	25.0	22.2		ug/L		89	81 - 119	1	20
Methyl tert-butyl ether	25.0	26.1		ug/L		105	77 - 130	5	20
Methylene Chloride	25.0	26.4		ug/L		106	77 - 119	3	20
m-Xylene & p-Xylene	25.0	23.0		ug/L		92	78 - 121	2	20
Naphthalene	25.0	25.2		ug/L		101	74 - 134	0	35
n-Butylbenzene	25.0	22.4		ug/L		90	78 - 121	1	20
N-Propylbenzene	25.0	21.9		ug/L		87	77 - 120	1	20
o-Xylene	25.0	23.6		ug/L		95	79 - 120	3	20
sec-Butylbenzene	25.0	21.7		ug/L		87	81 - 119	0	20
Styrene	25.0	23.7		ug/L		95	78 - 125	3	20
Tetrachloroethene	25.0	26.1		ug/L		104	79 - 126	0	20
Toluene	25.0	24.7		ug/L		99	83 - 117	0	20
trans-1,2-Dichloroethene	25.0	27.3		ug/L		109	79 - 125	0	20
trans-1,3-Dichloropropene	25.0	30.0		ug/L		120	84 - 122	3	20
Trichloroethene	25.0	23.4		ug/L		94	83 - 121	2	35
Trichlorofluoromethane	25.0	30.1		ug/L		121	70 - 145	1	20
Vinyl acetate	25.0	35.7		ug/L		143	66 - 148	7	21
Vinyl chloride	25.0	31.0		ug/L		124	74 - 127	2	20
Xylenes, Total	50.0	46.6		ug/L		93	79 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: 550-97814-B-1 MS
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	28.0		ug/L		112	76 - 131
1,1,1-Trichloroethane	ND		25.0	30.0		ug/L		120	65 - 150
1,1,2,2-Tetrachloroethane	ND		25.0	26.4		ug/L		106	55 - 140
1,1,2-Trichloroethane	ND		25.0	28.6		ug/L		114	63 - 141
1,1-Dichloroethane	ND		25.0	28.5		ug/L		114	63 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97814-B-1 MS
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		25.0	30.3		ug/L		121	43 - 150
1,1-Dichloropropene	ND		25.0	24.6		ug/L		98	42 - 150
1,2,3-Trichlorobenzene	ND		25.0	25.2		ug/L		101	48 - 150
1,2,3-Trichloropropane	ND		25.0	27.6		ug/L		110	55 - 148
1,2,4-Trichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 141
1,2,4-Trimethylbenzene	ND		25.0	23.1		ug/L		92	52 - 146
1,2-Dibromo-3-Chloropropane	ND		25.0	28.4		ug/L		114	42 - 150
1,2-Dichlorobenzene	ND		25.0	27.2		ug/L		109	74 - 122
1,2-Dichloroethane	ND		25.0	24.8		ug/L		99	42 - 150
1,2-Dichloropropane	ND		25.0	26.2		ug/L		105	73 - 125
1,3,5-Trimethylbenzene	ND		25.0	23.0		ug/L		92	52 - 142
1,3-Dichlorobenzene	ND		25.0	26.4		ug/L		106	76 - 119
1,3-Dichloropropane	ND		25.0	28.0		ug/L		112	61 - 139
1,4-Dichlorobenzene	ND		25.0	26.7		ug/L		107	76 - 117
2,2-Dichloropropane	ND		25.0	33.0		ug/L		132	64 - 150
2-Butanone (MEK)	ND	V1	25.0	37.0	V1	ug/L		148	30 - 150
2-Chlorotoluene	ND		25.0	22.7		ug/L		91	69 - 132
2-Hexanone	ND		25.0	31.1		ug/L		124	27 - 150
4-Chlorotoluene	ND		25.0	22.8		ug/L		91	73 - 123
4-Isopropyltoluene	ND		25.0	23.0		ug/L		92	47 - 146
4-Methyl-2-pentanone (MIBK)	ND		25.0	28.1		ug/L		113	40 - 150
Acetone	ND		25.0	23.9		ug/L		96	10 - 150
Benzene	ND		25.0	24.8		ug/L		99	64 - 131
Bromobenzene	ND		25.0	26.1		ug/L		104	77 - 123
Bromoform	ND		25.0	29.0		ug/L		116	49 - 150
Bromomethane	ND		25.0	30.1		ug/L		120	40 - 161
Carbon disulfide	ND		25.0	27.9		ug/L		112	37 - 162
Carbon tetrachloride	ND		25.0	27.4		ug/L		109	64 - 150
Chlorobenzene	ND		25.0	26.4		ug/L		106	80 - 120
Chlorobromomethane	ND	L5	25.0	32.5		ug/L		130	48 - 150
Chlorodibromomethane	ND		25.0	29.2		ug/L		117	56 - 150
Chloroethane	ND		25.0	28.4		ug/L		114	42 - 150
Chloroform	3.0		25.0	31.4		ug/L		114	49 - 150
Chloromethane	ND		25.0	32.5		ug/L		130	52 - 143
cis-1,2-Dichloroethene	ND		25.0	25.8		ug/L		103	50 - 149
cis-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	48 - 149
Dibromomethane	ND		25.0	27.5		ug/L		110	49 - 150
Dichlorobromomethane	ND		25.0	25.5		ug/L		102	57 - 148
Dichlorodifluoromethane	ND	M1 V1	25.0	40.3	M1 V1	ug/L		161	31 - 150
Ethylbenzene	ND		25.0	24.8		ug/L		99	57 - 143
Ethylene Dibromide	ND		25.0	30.0		ug/L		120	55 - 150
Hexachlorobutadiene	ND		25.0	22.8		ug/L		91	55 - 143
Iodomethane	ND		25.0	29.4		ug/L		118	10 - 150
Isopropylbenzene	ND		25.0	23.0		ug/L		92	62 - 135
Methyl tert-butyl ether	ND		25.0	28.6		ug/L		114	22 - 150
Methylene Chloride	ND		25.0	28.1		ug/L		112	45 - 148
m-Xylene & p-Xylene	ND		25.0	23.4		ug/L		94	49 - 147
Naphthalene	ND		25.0	25.4		ug/L		102	34 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97814-B-1 MS
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Butylbenzene	ND		25.0	23.3		ug/L		93	48 - 145
N-Propylbenzene	ND		25.0	22.5		ug/L		90	56 - 139
o-Xylene	ND		25.0	23.8		ug/L		95	54 - 142
sec-Butylbenzene	ND		25.0	22.7		ug/L		91	53 - 141
Styrene	ND		25.0	18.8		ug/L		75	45 - 149
Tetrachloroethene	ND		25.0	27.5		ug/L		110	73 - 131
Toluene	ND		25.0	25.1		ug/L		101	60 - 137
trans-1,2-Dichloroethene	ND		25.0	29.1		ug/L		116	44 - 150
trans-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	48 - 150
Trichloroethene	ND		25.0	24.3		ug/L		97	55 - 144
Trichlorofluoromethane	ND		25.0	32.1		ug/L		128	64 - 150
Vinyl acetate	ND		25.0	28.6		ug/L		115	26 - 150
Vinyl chloride	ND		25.0	31.6		ug/L		127	25 - 150
Xylenes, Total	ND		50.0	47.2		ug/L		94	52 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*113*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 550-97814-C-1 MSD
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	28.2		ug/L		113	76 - 131	1	20
1,1,1-Trichloroethane	ND		25.0	29.6		ug/L		118	65 - 150	1	22
1,1,2,2-Tetrachloroethane	ND		25.0	26.9		ug/L		107	55 - 140	2	35
1,1,2-Trichloroethane	ND		25.0	28.8		ug/L		115	63 - 141	1	35
1,1-Dichloroethane	ND		25.0	27.5		ug/L		110	63 - 139	4	35
1,1-Dichloroethene	ND		25.0	30.7		ug/L		123	43 - 150	1	35
1,1-Dichloropropene	ND		25.0	25.0		ug/L		100	42 - 150	2	35
1,2,3-Trichlorobenzene	ND		25.0	24.8		ug/L		99	48 - 150	2	35
1,2,3-Trichloropropane	ND		25.0	28.0		ug/L		112	55 - 148	1	35
1,2,4-Trichlorobenzene	ND		25.0	25.6		ug/L		103	60 - 141	1	20
1,2,4-Trimethylbenzene	ND		25.0	23.6		ug/L		94	52 - 146	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.1		ug/L		108	42 - 150	5	35
1,2-Dichlorobenzene	ND		25.0	27.5		ug/L		110	74 - 122	1	20
1,2-Dichloroethane	ND		25.0	25.7		ug/L		103	42 - 150	4	20
1,2-Dichloropropane	ND		25.0	26.2		ug/L		105	73 - 125	0	21
1,3,5-Trimethylbenzene	ND		25.0	23.1		ug/L		92	52 - 142	1	20
1,3-Dichlorobenzene	ND		25.0	26.9		ug/L		108	76 - 119	2	20
1,3-Dichloropropane	ND		25.0	28.3		ug/L		113	61 - 139	1	35
1,4-Dichlorobenzene	ND		25.0	27.2		ug/L		109	76 - 117	2	20
2,2-Dichloropropane	ND		25.0	33.2		ug/L		133	64 - 150	0	24
2-Butanone (MEK)	ND	V1	25.0	32.6	V1	ug/L		130	30 - 150	13	29
2-Chlorotoluene	ND		25.0	23.2		ug/L		93	69 - 132	2	20
2-Hexanone	ND		25.0	30.3		ug/L		121	27 - 150	3	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97814-C-1 MSD
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene	ND		25.0	23.3		ug/L		93	73 - 123	2	20
4-Isopropyltoluene	ND		25.0	23.4		ug/L		94	47 - 146	2	20
4-Methyl-2-pentanone (MIBK)	ND		25.0	27.5		ug/L		110	40 - 150	2	35
Acetone	ND		25.0	22.4		ug/L		90	10 - 150	6	28
Benzene	ND		25.0	24.7		ug/L		99	64 - 131	0	25
Bromobenzene	ND		25.0	26.4		ug/L		106	77 - 123	1	20
Bromoform	ND		25.0	29.4		ug/L		117	49 - 150	1	35
Bromomethane	ND		25.0	29.7		ug/L		119	40 - 161	1	20
Carbon disulfide	ND		25.0	28.9		ug/L		115	37 - 162	3	35
Carbon tetrachloride	ND		25.0	28.0		ug/L		112	64 - 150	2	20
Chlorobenzene	ND		25.0	26.9		ug/L		108	80 - 120	2	20
Chlorobromomethane	ND	L5	25.0	32.2		ug/L		129	48 - 150	1	20
Chlorodibromomethane	ND		25.0	29.3		ug/L		117	56 - 150	0	35
Chloroethane	ND		25.0	28.7		ug/L		115	42 - 150	1	20
Chloroform	3.0		25.0	30.3		ug/L		109	49 - 150	4	35
Chloromethane	ND		25.0	32.4		ug/L		130	52 - 143	0	21
cis-1,2-Dichloroethene	ND		25.0	25.0		ug/L		100	50 - 149	3	35
cis-1,3-Dichloropropene	ND		25.0	26.6		ug/L		106	48 - 149	0	35
Dibromomethane	ND		25.0	26.8		ug/L		107	49 - 150	2	20
Dichlorobromomethane	ND		25.0	25.4		ug/L		101	57 - 148	1	35
Dichlorodifluoromethane	ND	M1 V1	25.0	40.5	M1 V1	ug/L		162	31 - 150	0	35
Ethylbenzene	ND		25.0	25.4		ug/L		101	57 - 143	2	20
Ethylene Dibromide	ND		25.0	30.3		ug/L		121	55 - 150	1	35
Hexachlorobutadiene	ND		25.0	23.7		ug/L		95	55 - 143	4	20
Iodomethane	ND		25.0	29.0		ug/L		116	10 - 150	2	35
Isopropylbenzene	ND		25.0	23.5		ug/L		94	62 - 135	2	20
Methyl tert-butyl ether	ND		25.0	27.2		ug/L		109	22 - 150	5	35
Methylene Chloride	ND		25.0	26.7		ug/L		107	45 - 148	5	20
m-Xylene & p-Xylene	ND		25.0	24.2		ug/L		97	49 - 147	3	20
Naphthalene	ND		25.0	24.7		ug/L		99	34 - 150	3	35
n-Butylbenzene	ND		25.0	23.6		ug/L		94	48 - 145	1	21
N-Propylbenzene	ND		25.0	23.0		ug/L		92	56 - 139	2	20
o-Xylene	ND		25.0	24.1		ug/L		96	54 - 142	1	20
sec-Butylbenzene	ND		25.0	23.0		ug/L		92	53 - 141	1	20
Styrene	ND		25.0	17.5		ug/L		70	45 - 149	7	20
Tetrachloroethene	ND		25.0	28.0		ug/L		112	73 - 131	2	20
Toluene	ND		25.0	25.5		ug/L		102	60 - 137	1	20
trans-1,2-Dichloroethene	ND		25.0	28.6		ug/L		115	44 - 150	2	35
trans-1,3-Dichloropropene	ND		25.0	29.0		ug/L		116	48 - 150	2	35
Trichloroethene	ND		25.0	24.9		ug/L		99	55 - 144	2	35
Trichlorofluoromethane	ND		25.0	32.1		ug/L		128	64 - 150	0	28
Vinyl acetate	ND		25.0	27.2		ug/L		109	26 - 150	5	27
Vinyl chloride	ND		25.0	29.9		ug/L		119	25 - 150	6	35
Xylenes, Total	ND		50.0	48.3		ug/L		97	52 - 144	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97814-C-1 MSD
Matrix: Water
Analysis Batch: 139415

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 550-139546/1-A
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139546

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,1,1-Trichloroethane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,1,2,2-Tetrachloroethane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,1,2-Trichloroethane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,1-Dichloroethane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,1-Dichloroethene	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,1-Dichloropropene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2,3-Trichlorobenzene	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2,3-Trichloropropane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2,4-Trichlorobenzene	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2,4-Trimethylbenzene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2-Dibromo-3-Chloropropane	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2-Dibromoethane (EDB)	ND		25		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2-Dichlorobenzene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2-Dichloroethane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,2-Dichloropropane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,3,5-Trimethylbenzene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,3-Dichlorobenzene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,3-Dichloropropane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
1,4-Dichlorobenzene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
2,2-Dichloropropane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
2-Butanone (MEK)	ND		500		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
2-Chlorotoluene	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
2-Hexanone	ND		500		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
4-Chlorotoluene	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
4-Methyl-2-pentanone (MIBK)	ND		500		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Acetone	ND		1000		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Benzene	ND		50		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Bromobenzene	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Bromochloromethane	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Bromodichloromethane	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Bromoform	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Bromomethane	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Carbon disulfide	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Carbon tetrachloride	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Chlorobenzene	ND		50		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Chloroethane	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Chloroform	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Chloromethane	ND		250		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
cis-1,2-Dichloroethene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1
cis-1,3-Dichloropropene	ND		100		ug/Kg		02/13/18 14:27	02/14/18 09:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 550-139546/1-A
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139546

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Dibromomethane	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Dichlorodifluoromethane	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Ethylbenzene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Hexachlorobutadiene	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Iodomethane	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Isopropylbenzene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
m,p-Xylenes	ND		150	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Methylene Chloride	ND		500	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Methyl tert-butyl ether	ND		50	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Naphthalene	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
n-Butylbenzene	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
n-Propylbenzene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
o-Xylene	ND		150	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
p-Isopropyltoluene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
sec-Butylbenzene	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Styrene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
tert-Butylbenzene	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Tetrachloroethene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Toluene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
trans-1,2-Dichloroethene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
trans-1,3-Dichloropropene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Trichloroethene	ND		100	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Trichlorofluoromethane	ND		250	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Vinyl acetate	ND		1300	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Vinyl chloride	ND		50	ug/Kg		02/13/18 14:27	02/14/18 09:40	1
Xylenes, Total	ND		300	ug/Kg		02/13/18 14:27	02/14/18 09:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*90*		*34.7 - 143*	*02/13/18 14:27*	*02/14/18 09:40*	*1*
Toluene-d8 (Surr)	*85*		*39.1 - 145*	*02/13/18 14:27*	*02/14/18 09:40*	*1*
4-Bromofluorobenzene (Surr)	*88*		*38.2 - 149*	*02/13/18 14:27*	*02/14/18 09:40*	*1*

Lab Sample ID: LCS 550-139546/2-A
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	1240	1360		ug/Kg		109	79 - 110
1,1,1-Trichloroethane	1240	1330		ug/Kg		107	71 - 117
1,1,2,2-Tetrachloroethane	1240	1190		ug/Kg		95	68 - 123
1,1,2-Trichloroethane	1240	1300		ug/Kg		105	76 - 110
1,1-Dichloroethane	1240	1350		ug/Kg		109	76 - 113
1,1-Dichloroethene	1240	1200		ug/Kg		97	68 - 115
1,1-Dichloropropene	1240	1300		ug/Kg		105	74 - 115
1,2,3-Trichlorobenzene	1240	1270		ug/Kg		102	73 - 127
1,2,3-Trichloropropane	1240	1240		ug/Kg		100	65 - 128
1,2,4-Trichlorobenzene	1240	1280		ug/Kg		103	77 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139546/2-A
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	1240	1250		ug/Kg		101	78 - 120
1,2-Dibromo-3-Chloropropane	1240	1310		ug/Kg		105	48 - 142
1,2-Dibromoethane (EDB)	1240	1300		ug/Kg		105	80 - 113
1,2-Dichlorobenzene	1240	1290		ug/Kg		104	80 - 113
1,2-Dichloroethane	1240	1370		ug/Kg		110	71 - 119
1,2-Dichloropropane	1240	1360		ug/Kg		110	79 - 116
1,3,5-Trimethylbenzene	1240	1260		ug/Kg		102	77 - 120
1,3-Dichlorobenzene	1240	1250		ug/Kg		101	80 - 110
1,3-Dichloropropane	1240	1290		ug/Kg		104	80 - 113
1,4-Dichlorobenzene	1240	1260		ug/Kg		101	79 - 108
2,2-Dichloropropane	1240	1270		ug/Kg		102	51 - 122
2-Butanone (MEK)	1240	640		ug/Kg		52	11 - 150
2-Chlorotoluene	1240	1240		ug/Kg		100	74 - 114
2-Hexanone	1240	559		ug/Kg		45	22 - 150
4-Chlorotoluene	1240	1070		ug/Kg		86	70 - 101
4-Methyl-2-pentanone (MIBK)	1240	934		ug/Kg		75	50 - 141
Acetone	1240	783	E4	ug/Kg		63	10 - 150
Benzene	1240	1270		ug/Kg		102	81 - 107
Bromobenzene	1240	1320		ug/Kg		106	80 - 115
Bromochloromethane	1240	1360		ug/Kg		109	79 - 113
Bromodichloromethane	1240	1340		ug/Kg		108	74 - 108
Bromoform	1240	1210		ug/Kg		98	70 - 113
Bromomethane	1240	1180		ug/Kg		95	52 - 132
Carbon disulfide	1240	1230		ug/Kg		99	48 - 142
Carbon tetrachloride	1240	1390		ug/Kg		111	69 - 114
Chlorobenzene	1240	1280		ug/Kg		103	81 - 108
Chloroethane	1240	1200		ug/Kg		96	58 - 129
Chloroform	1240	1330		ug/Kg		107	77 - 111
Chloromethane	1240	1060		ug/Kg		85	41 - 109
cis-1,2-Dichloroethene	1240	1200		ug/Kg		96	79 - 109
cis-1,3-Dichloropropene	1240	1270		ug/Kg		102	79 - 112
Chlorodibromomethane	1240	1330		ug/Kg		107	77 - 112
Dibromomethane	1240	1270		ug/Kg		102	78 - 110
Dichlorodifluoromethane	1240	888		ug/Kg		71	28 - 100
Ethylbenzene	1240	1280		ug/Kg		103	82 - 113
Hexachlorobutadiene	1240	1390		ug/Kg		112	79 - 129
Iodomethane	1240	1330		ug/Kg		107	61 - 125
Isopropylbenzene	1240	1260		ug/Kg		101	76 - 119
m,p-Xylenes	1240	1270		ug/Kg		103	81 - 116
Methylene Chloride	1240	1220		ug/Kg		98	68 - 115
Methyl tert-butyl ether	1240	1080		ug/Kg		87	72 - 125
Naphthalene	1240	1080		ug/Kg		87	69 - 130
n-Butylbenzene	1240	1230		ug/Kg		99	75 - 124
n-Propylbenzene	1240	1230		ug/Kg		99	75 - 119
o-Xylene	1240	1310		ug/Kg		105	82 - 114
p-Isopropyltoluene	1240	1280		ug/Kg		103	78 - 118
sec-Butylbenzene	1240	1260		ug/Kg		102	79 - 125
Styrene	1240	1320		ug/Kg		106	81 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 550-139546/2-A
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	1240	1280		ug/Kg		103	75 - 120
Tetrachloroethene	1240	1320		ug/Kg		106	76 - 111
Toluene	1240	1300		ug/Kg		104	82 - 111
trans-1,2-Dichloroethene	1240	1310		ug/Kg		105	74 - 113
trans-1,3-Dichloropropene	1240	1280		ug/Kg		103	72 - 110
Trichloroethene	1240	1330		ug/Kg		107	78 - 110
Trichlorofluoromethane	1240	1290		ug/Kg		104	69 - 117
Vinyl acetate	1240	993	E4	ug/Kg		80	62 - 135
Vinyl chloride	1240	657		ug/Kg		53	10 - 100
Xylenes, Total	2490	2580		ug/Kg		104	82 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*34.7 - 143*
Toluene-d8 (Surr)	*98*		*39.1 - 145*
4-Bromofluorobenzene (Surr)	*99*		*38.2 - 149*

Lab Sample ID: LCSD 550-139546/3-A
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139546

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	1250	1370		ug/Kg		110	79 - 110	1	20
1,1,1-Trichloroethane	1250	1320		ug/Kg		106	71 - 117	1	20
1,1,2,2-Tetrachloroethane	1250	1200		ug/Kg		96	68 - 123	1	20
1,1,2-Trichloroethane	1250	1350		ug/Kg		107	76 - 110	3	20
1,1-Dichloroethane	1250	1270		ug/Kg		102	76 - 113	6	20
1,1-Dichloroethene	1250	1160		ug/Kg		93	68 - 115	3	20
1,1-Dichloropropene	1250	1340		ug/Kg		107	74 - 115	3	20
1,2,3-Trichlorobenzene	1250	1360		ug/Kg		108	73 - 127	6	20
1,2,3-Trichloropropane	1250	1230		ug/Kg		98	65 - 128	1	20
1,2,4-Trichlorobenzene	1250	1320		ug/Kg		105	77 - 123	3	20
1,2,4-Trimethylbenzene	1250	1270		ug/Kg		102	78 - 120	2	20
1,2-Dibromo-3-Chloropropane	1250	1240		ug/Kg		99	48 - 142	5	20
1,2-Dibromoethane (EDB)	1250	1310		ug/Kg		105	80 - 113	1	20
1,2-Dichlorobenzene	1250	1330		ug/Kg		106	80 - 113	3	20
1,2-Dichloroethane	1250	1360		ug/Kg		109	71 - 119	1	20
1,2-Dichloropropane	1250	1410		ug/Kg		113	79 - 116	4	20
1,3,5-Trimethylbenzene	1250	1290		ug/Kg		103	77 - 120	2	20
1,3-Dichlorobenzene	1250	1300		ug/Kg		104	80 - 110	4	20
1,3-Dichloropropane	1250	1300		ug/Kg		103	80 - 113	0	20
1,4-Dichlorobenzene	1250	1270		ug/Kg		102	79 - 108	1	20
2,2-Dichloropropane	1250	1220		ug/Kg		97	51 - 122	4	20
2-Butanone (MEK)	1250	636		ug/Kg		51	11 - 150	1	32
2-Chlorotoluene	1250	1260		ug/Kg		101	74 - 114	2	20
2-Hexanone	1250	569		ug/Kg		45	22 - 150	2	23
4-Chlorotoluene	1250	1100		ug/Kg		88	70 - 101	2	20
4-Methyl-2-pentanone (MIBK)	1250	967		ug/Kg		77	50 - 141	3	22
Acetone	1250	751	E4	ug/Kg		60	10 - 150	4	35

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 550-139546/3-A
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139546

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			1250	1300		ug/Kg		104	81 - 107	3	20
Bromobenzene			1250	1330		ug/Kg		106	80 - 115	0	20
Bromochloromethane			1250	1330		ug/Kg		106	79 - 113	2	20
Bromodichloromethane			1250	1400	L5	ug/Kg		112	74 - 108	4	20
Bromoform			1250	1240		ug/Kg		99	70 - 113	2	20
Bromomethane			1250	1180		ug/Kg		94	52 - 132	0	20
Carbon disulfide			1250	1180		ug/Kg		94	48 - 142	4	20
Carbon tetrachloride			1250	1410		ug/Kg		113	69 - 114	2	20
Chlorobenzene			1250	1310		ug/Kg		105	81 - 108	3	20
Chloroethane			1250	1190		ug/Kg		95	58 - 129	0	20
Chloroform			1250	1320		ug/Kg		105	77 - 111	1	20
Chloromethane			1250	1050		ug/Kg		84	41 - 109	1	20
cis-1,2-Dichloroethene			1250	1200		ug/Kg		96	79 - 109	0	20
cis-1,3-Dichloropropene			1250	1290		ug/Kg		103	79 - 112	2	20
Chlorodibromomethane			1250	1360		ug/Kg		108	77 - 112	2	20
Dibromomethane			1250	1300		ug/Kg		104	78 - 110	2	20
Dichlorodifluoromethane			1250	898		ug/Kg		72	28 - 100	1	20
Ethylbenzene			1250	1330		ug/Kg		106	82 - 113	4	20
Hexachlorobutadiene			1250	1450		ug/Kg		116	79 - 129	4	20
Iodomethane			1250	1310		ug/Kg		104	61 - 125	1	20
Isopropylbenzene			1250	1280		ug/Kg		102	76 - 119	1	20
m,p-Xylenes			1250	1330		ug/Kg		106	81 - 116	4	20
Methylene Chloride			1250	1180		ug/Kg		94	68 - 115	4	20
Methyl tert-butyl ether			1250	1050		ug/Kg		84	72 - 125	3	20
Naphthalene			1250	1140		ug/Kg		91	69 - 130	5	20
n-Butylbenzene			1250	1260		ug/Kg		101	75 - 124	3	20
n-Propylbenzene			1250	1260		ug/Kg		100	75 - 119	2	20
o-Xylene			1250	1320		ug/Kg		106	82 - 114	1	20
p-Isopropyltoluene			1250	1300		ug/Kg		104	78 - 118	1	20
sec-Butylbenzene			1250	1320		ug/Kg		105	79 - 125	4	20
Styrene			1250	1350		ug/Kg		108	81 - 120	2	20
tert-Butylbenzene			1250	1290		ug/Kg		103	75 - 120	1	20
Tetrachloroethene			1250	1410	L5	ug/Kg		113	76 - 111	7	20
Toluene			1250	1330		ug/Kg		106	82 - 111	2	20
trans-1,2-Dichloroethene			1250	1220		ug/Kg		98	74 - 113	6	20
trans-1,3-Dichloropropene			1250	1340		ug/Kg		107	72 - 110	5	20
Trichloroethene			1250	1350		ug/Kg		108	78 - 110	2	20
Trichlorofluoromethane			1250	1240		ug/Kg		99	69 - 117	4	20
Vinyl acetate			1250	933	E4	ug/Kg		74	62 - 135	6	22
Vinyl chloride			1250	655		ug/Kg		52	10 - 100	0	35
Xylenes, Total			2510	2650		ug/Kg		106	82 - 115	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*34.7 - 143*
Toluene-d8 (Surr)	*101*		*39.1 - 145*
4-Bromofluorobenzene (Surr)	*99*		*38.2 - 149*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97811-7 MS
Matrix: Solid
Analysis Batch: 139584

Client Sample ID: Composite (IDW-A,B,C,D-20180212)
Prep Type: Total/NA
Prep Batch: 139546

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		1260	1360		ug/Kg		108	67 - 111
1,1,1-Trichloroethane	ND		1260	1270		ug/Kg		101	66 - 106
1,1,2,2-Tetrachloroethane	ND	M2	1260	630	M2	ug/Kg		50	58 - 127
1,1,2-Trichloroethane	ND		1260	1240		ug/Kg		98	61 - 114
1,1-Dichloroethane	ND		1260	1270		ug/Kg		100	65 - 110
1,1-Dichloroethene	ND		1260	1120		ug/Kg		89	53 - 114
1,1-Dichloropropene	ND		1260	1280		ug/Kg		102	65 - 109
1,2,3-Trichlorobenzene	ND		1260	1290		ug/Kg		102	60 - 127
1,2,3-Trichloropropane	ND		1260	1360		ug/Kg		108	55 - 133
1,2,4-Trichlorobenzene	ND		1260	1270		ug/Kg		101	62 - 125
1,2,4-Trimethylbenzene	ND		1260	1250		ug/Kg		99	64 - 120
1,2-Dibromo-3-Chloropropane	ND		1260	1420		ug/Kg		113	44 - 143
1,2-Dibromoethane (EDB)	ND		1260	1320		ug/Kg		105	64 - 119
1,2-Dichlorobenzene	ND		1260	1290		ug/Kg		102	67 - 113
1,2-Dichloroethane	ND		1260	1330		ug/Kg		105	62 - 114
1,2-Dichloropropane	ND		1260	1320		ug/Kg		105	70 - 111
1,3,5-Trimethylbenzene	ND		1260	1270		ug/Kg		101	67 - 115
1,3-Dichlorobenzene	ND		1260	1260		ug/Kg		100	69 - 110
1,3-Dichloropropane	ND		1260	1330		ug/Kg		106	68 - 112
1,4-Dichlorobenzene	ND		1260	1250		ug/Kg		99	68 - 107
2,2-Dichloropropane	ND		1260	1170		ug/Kg		93	46 - 111
2-Butanone (MEK)	ND		1260	779		ug/Kg		62	11 - 150
2-Chlorotoluene	ND		1260	1240		ug/Kg		99	65 - 111
2-Hexanone	ND		1260	683		ug/Kg		54	20 - 154
4-Chlorotoluene	ND		1260	1070		ug/Kg		85	62 - 100
4-Methyl-2-pentanone (MIBK)	ND		1260	982		ug/Kg		78	42 - 146
Acetone	ND		1260	ND		ug/Kg		73	10 - 150
Benzene	ND		1260	1210		ug/Kg		96	68 - 108
Bromobenzene	ND		1260	1300		ug/Kg		103	71 - 114
Bromochloromethane	ND		1260	1270		ug/Kg		100	64 - 115
Bromodichloromethane	ND	L5	1260	1340		ug/Kg		106	65 - 108
Bromoform	ND		1260	1250		ug/Kg		99	65 - 109
Bromomethane	ND		1260	1070		ug/Kg		85	27 - 135
Carbon disulfide	ND		1260	852		ug/Kg		68	34 - 132
Carbon tetrachloride	ND		1260	1310		ug/Kg		104	63 - 106
Chlorobenzene	ND		1260	1300		ug/Kg		103	70 - 108
Chloroethane	ND		1260	1110		ug/Kg		88	33 - 132
Chloroform	ND		1260	1280		ug/Kg		102	67 - 109
Chloromethane	ND		1260	945		ug/Kg		75	27 - 103
cis-1,2-Dichloroethene	ND		1260	1130		ug/Kg		90	65 - 109
cis-1,3-Dichloropropene	ND		1260	1300		ug/Kg		103	66 - 112
Chlorodibromomethane	ND		1260	1340		ug/Kg		106	65 - 115
Dibromomethane	ND		1260	1260		ug/Kg		100	64 - 113
Dichlorodifluoromethane	ND		1260	647		ug/Kg		51	10 - 100
Ethylbenzene	ND		1260	1280		ug/Kg		102	66 - 116
Hexachlorobutadiene	ND		1260	1390		ug/Kg		111	52 - 136
Iodomethane	ND		1260	1230		ug/Kg		97	45 - 118
Isopropylbenzene	ND		1260	1320		ug/Kg		104	70 - 113

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97811-7 MS — **Client Sample ID: Composite (IDW-A,B,C,D-20180212)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139584 — **Prep Batch: 139546**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylenes	ND		1260	1320		ug/Kg		105	66 - 119
Methylene Chloride	ND		1260	1150		ug/Kg		91	53 - 116
Methyl tert-butyl ether	ND		1260	1060		ug/Kg		84	55 - 130
Naphthalene	ND		1260	1180		ug/Kg		91	57 - 134
n-Butylbenzene	ND		1260	1230		ug/Kg		97	63 - 122
n-Propylbenzene	ND		1260	1240		ug/Kg		99	66 - 116
o-Xylene	ND		1260	1280		ug/Kg		101	63 - 120
p-Isopropyltoluene	ND		1260	1290		ug/Kg		102	69 - 113
sec-Butylbenzene	ND		1260	1310		ug/Kg		104	70 - 121
Styrene	ND		1260	1330		ug/Kg		105	68 - 121
tert-Butylbenzene	ND		1260	1290		ug/Kg		103	68 - 114
Tetrachloroethene	ND	L5	1260	1340		ug/Kg		106	64 - 111
Toluene	ND		1260	1270		ug/Kg		101	67 - 113
trans-1,2-Dichloroethene	ND		1260	1240		ug/Kg		98	59 - 113
trans-1,3-Dichloropropene	ND		1260	1280		ug/Kg		102	61 - 112
Trichloroethene	ND	M1	1260	1840	M1	ug/Kg		146	67 - 110
Trichlorofluoromethane	ND		1260	1100		ug/Kg		88	45 - 117
Vinyl acetate	ND	M2	1260	ND	M2	ug/Kg		0	10 - 142
Vinyl chloride	ND		1260	594		ug/Kg		47	10 - 84
Xylenes, Total	ND		2520	2600		ug/Kg		103	67 - 119

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*34.7 - 143*
Toluene-d8 (Surr)	*92*		*39.1 - 145*
4-Bromofluorobenzene (Surr)	*97*		*38.2 - 149*

Lab Sample ID: 550-97811-7 MSD — **Client Sample ID: Composite (IDW-A,B,C,D-20180212)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139584 — **Prep Batch: 139546**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		1260	1220		ug/Kg		97	67 - 111	11	20
1,1,1-Trichloroethane	ND		1260	1220		ug/Kg		97	66 - 106	4	20
1,1,2,2-Tetrachloroethane	ND	M2	1260	769		ug/Kg		61	58 - 127	20	20
1,1,2-Trichloroethane	ND		1260	1190		ug/Kg		94	61 - 114	4	20
1,1-Dichloroethane	ND		1260	1190		ug/Kg		95	65 - 110	6	20
1,1-Dichloroethene	ND		1260	1060		ug/Kg		84	53 - 114	6	20
1,1-Dichloropropene	ND		1260	1200		ug/Kg		95	65 - 109	7	20
1,2,3-Trichlorobenzene	ND		1260	1190		ug/Kg		95	60 - 127	8	20
1,2,3-Trichloropropane	ND		1260	1210		ug/Kg		96	55 - 133	12	20
1,2,4-Trichlorobenzene	ND		1260	1150		ug/Kg		92	62 - 125	10	20
1,2,4-Trimethylbenzene	ND		1260	1170		ug/Kg		93	64 - 120	6	20
1,2-Dibromo-3-Chloropropane	ND		1260	1180		ug/Kg		94	44 - 143	19	24
1,2-Dibromoethane (EDB)	ND		1260	1170		ug/Kg		93	64 - 119	12	20
1,2-Dichlorobenzene	ND		1260	1170		ug/Kg		93	67 - 113	9	20
1,2-Dichloroethane	ND		1260	1230		ug/Kg		98	62 - 114	7	20
1,2-Dichloropropane	ND		1260	1200		ug/Kg		96	70 - 111	9	20
1,3,5-Trimethylbenzene	ND		1260	1170		ug/Kg		93	67 - 115	8	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97811-7 MSD — **Client Sample ID: Composite (IDW-A,B,C,D-20180212)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139584 — **Prep Batch: 139546**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	ND		1260	1180		ug/Kg		94	69 - 110	7	20
1,3-Dichloropropane	ND		1260	1160		ug/Kg		92	68 - 112	14	20
1,4-Dichlorobenzene	ND		1260	1170		ug/Kg		93	68 - 107	7	20
2,2-Dichloropropane	ND		1260	1110		ug/Kg		88	46 - 111	6	20
2-Butanone (MEK)	ND		1260	649		ug/Kg		52	11 - 150	18	39
2-Chlorotoluene	ND		1260	1150		ug/Kg		92	65 - 111	7	20
2-Hexanone	ND		1260	548		ug/Kg		44	20 - 154	22	40
4-Chlorotoluene	ND		1260	1000		ug/Kg		80	62 - 100	7	20
4-Methyl-2-pentanone (MIBK)	ND		1260	942		ug/Kg		75	42 - 146	4	26
Acetone	ND		1260	ND		ug/Kg		63	10 - 150	15	40
Benzene	ND		1260	1160		ug/Kg		92	68 - 108	4	20
Bromobenzene	ND		1260	1190		ug/Kg		95	71 - 114	8	20
Bromochloromethane	ND		1260	1200		ug/Kg		96	64 - 115	5	20
Bromodichloromethane	ND	L5	1260	1220		ug/Kg		97	65 - 108	9	20
Bromoform	ND		1260	1170		ug/Kg		93	65 - 109	7	20
Bromomethane	ND		1260	966		ug/Kg		77	27 - 135	10	20
Carbon disulfide	ND		1260	873		ug/Kg		69	34 - 132	2	20
Carbon tetrachloride	ND		1260	1220		ug/Kg		97	63 - 106	7	20
Chlorobenzene	ND		1260	1180		ug/Kg		93	70 - 108	10	20
Chloroethane	ND		1260	1000		ug/Kg		80	33 - 132	10	20
Chloroform	ND		1260	1220		ug/Kg		97	67 - 109	5	20
Chloromethane	ND		1260	851		ug/Kg		68	27 - 103	11	20
cis-1,2-Dichloroethene	ND		1260	1070		ug/Kg		85	65 - 109	5	20
cis-1,3-Dichloropropene	ND		1260	1180		ug/Kg		94	66 - 112	10	20
Chlorodibromomethane	ND		1260	1230		ug/Kg		98	65 - 115	9	20
Dibromomethane	ND		1260	1130		ug/Kg		90	64 - 113	10	20
Dichlorodifluoromethane	ND		1260	539		ug/Kg		43	10 - 100	18	27
Ethylbenzene	ND		1260	1190		ug/Kg		95	66 - 116	7	20
Hexachlorobutadiene	ND		1260	1320		ug/Kg		105	52 - 136	5	20
Iodomethane	ND		1260	1140		ug/Kg		91	45 - 118	7	20
Isopropylbenzene	ND		1260	1150		ug/Kg		91	70 - 113	14	20
m,p-Xylenes	ND		1260	1200		ug/Kg		96	66 - 119	9	20
Methylene Chloride	ND		1260	1090		ug/Kg		87	53 - 116	5	20
Methyl tert-butyl ether	ND		1260	968		ug/Kg		77	55 - 130	9	20
Naphthalene	ND		1260	1050		ug/Kg		81	57 - 134	12	20
n-Butylbenzene	ND		1260	1140		ug/Kg		91	63 - 122	8	20
n-Propylbenzene	ND		1260	1160		ug/Kg		92	66 - 116	7	20
o-Xylene	ND		1260	1180		ug/Kg		94	63 - 120	8	20
p-Isopropyltoluene	ND		1260	1180		ug/Kg		94	69 - 113	9	20
sec-Butylbenzene	ND		1260	1200		ug/Kg		96	70 - 121	9	20
Styrene	ND		1260	1200		ug/Kg		95	68 - 121	10	20
tert-Butylbenzene	ND		1260	1200		ug/Kg		95	68 - 114	8	20
Tetrachloroethene	ND	L5	1260	1240		ug/Kg		99	64 - 111	8	20
Toluene	ND		1260	1190		ug/Kg		95	67 - 113	7	20
trans-1,2-Dichloroethene	ND		1260	1140		ug/Kg		91	59 - 113	8	20
trans-1,3-Dichloropropene	ND		1260	1160		ug/Kg		93	61 - 112	10	20
Trichloroethene	ND	M1	1260	1550	M1	ug/Kg		124	67 - 110	17	20
Trichlorofluoromethane	ND		1260	1000		ug/Kg		80	45 - 117	10	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-97811-7 MSD — **Client Sample ID: Composite (IDW-A,B,C,D-20180212)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139584 — **Prep Batch: 139546**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl acetate	ND	M2	1260	ND	M2	ug/Kg		0	10 - 142	NC	36
Vinyl chloride	ND		1260	546		ug/Kg		43	10 - 84	8	32
Xylenes, Total	ND		2520	2380		ug/Kg		95	67 - 119	9	12

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*89*		*34.7 - 143*
Toluene-d8 (Surr)	*89*		*39.1 - 145*
4-Bromofluorobenzene (Surr)	*86*		*38.2 - 149*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 550-139857/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139929 — **Prep Batch: 139857**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.9	mg/Kg		02/19/18 10:18	02/19/18 13:33	1
Barium	ND		4.9	mg/Kg		02/19/18 10:18	02/19/18 13:33	1
Cadmium	ND		0.49	mg/Kg		02/19/18 10:18	02/19/18 13:33	1
Chromium	ND		2.0	mg/Kg		02/19/18 10:18	02/19/18 13:33	1
Selenium	ND		4.9	mg/Kg		02/19/18 10:18	02/19/18 13:33	1
Silver	ND		2.4	mg/Kg		02/19/18 10:18	02/19/18 13:33	1

Lab Sample ID: MB 550-139857/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139934 — **Prep Batch: 139857**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.98	mg/Kg		02/19/18 10:18	02/19/18 14:20	1

Lab Sample ID: LCS 550-139857/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139929 — **Prep Batch: 139857**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	48.7	40.4		mg/Kg		83	77 - 105
Barium	48.7	43.4		mg/Kg		89	84 - 111
Cadmium	48.7	40.9		mg/Kg		84	82 - 104
Chromium	48.7	43.1		mg/Kg		89	85 - 112
Selenium	48.7	39.3		mg/Kg		81	77 - 107
Silver	3.65	3.26		mg/Kg		89	87 - 111

Lab Sample ID: LCS 550-139857/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139934 — **Prep Batch: 139857**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	48.7	44.2		mg/Kg		91	83 - 108

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSD 550-139857/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139929 — **Prep Batch: 139857**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	48.8	42.4		mg/Kg		87	77 - 105	5	20
Barium	48.8	45.6		mg/Kg		94	84 - 111	5	20
Cadmium	48.8	42.9		mg/Kg		88	82 - 104	5	20
Chromium	48.8	45.2		mg/Kg		93	85 - 112	5	20
Selenium	48.8	41.1		mg/Kg		84	77 - 107	4	20
Silver	3.66	3.42		mg/Kg		93	87 - 111	5	20

Lab Sample ID: LCSD 550-139857/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139934 — **Prep Batch: 139857**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	48.8	45.5		mg/Kg		93	83 - 108	3	20

Lab Sample ID: 550-98034-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139929 — **Prep Batch: 139857**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1200	M3	49.9	1340	M3	mg/Kg		201	75 - 125
Barium	21		49.9	71.4		mg/Kg		100	75 - 125
Cadmium	ND		49.9	41.6		mg/Kg		83	75 - 125
Chromium	2.1		49.9	48.0		mg/Kg		92	75 - 125
Selenium	ND	M2	49.9	37.0	M2	mg/Kg		74	75 - 125
Silver	10	M1	3.74	17.3	M1	mg/Kg		185	75 - 125

Lab Sample ID: 550-98034-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139934 — **Prep Batch: 139857**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.1		49.9	48.0		mg/Kg		86	75 - 125

Lab Sample ID: 550-98034-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139929 — **Prep Batch: 139857**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1200	M3	50.0	1390	M3	mg/Kg		282	75 - 125	3	20
Barium	21		50.0	72.0		mg/Kg		102	75 - 125	1	20
Cadmium	ND		50.0	42.9		mg/Kg		86	75 - 125	3	20
Chromium	2.1		50.0	49.4		mg/Kg		95	75 - 125	3	20
Selenium	ND	M2	50.0	38.8		mg/Kg		78	75 - 125	5	20
Silver	10	M1	3.75	17.6	M1	mg/Kg		195	75 - 125	2	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 550-98034-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139934 — **Prep Batch: 139857**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.1		50.0	49.5		mg/Kg		89	75 - 125	3	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 550-139889/13-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139932 — **Prep Batch: 139889**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060		mg/Kg		02/19/18 10:55	02/19/18 13:20	1

Lab Sample ID: LCS 550-139889/14-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139932 — **Prep Batch: 139889**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.997	1.03		mg/Kg		103	80 - 120		

Lab Sample ID: LCSD 550-139889/15-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139932 — **Prep Batch: 139889**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.961	0.968		mg/Kg		101	80 - 120	6	20

Lab Sample ID: 550-98196-A-2-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139932 — **Prep Batch: 139889**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.982	1.03		mg/Kg		105	80 - 120		

Lab Sample ID: 550-98196-A-2-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139932 — **Prep Batch: 139889**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.927	0.974		mg/Kg		105	80 - 120	5	20

QC Association Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

GC/MS VOA

Analysis Batch: 139415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-6	SVE-09-105-20180210	Total/NA	Water	8260B	
550-97811-8	TB	Total/NA	Water	8260B	
MB 550-139415/5	Method Blank	Total/NA	Water	8260B	
LCS 550-139415/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 550-139415/4	Lab Control Sample Dup	Total/NA	Water	8260B	
550-97814-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
550-97814-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Prep Batch: 139546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-1	SVE-09-60-20180209	Total/NA	Solid	5035A	
550-97811-2	SVE-09-70-20180209	Total/NA	Solid	5035A	
550-97811-3	SVE-09-80-20180209	Total/NA	Solid	5035A	
550-97811-4	SVE-09-90-20180210	Total/NA	Solid	5035A	
550-97811-5	SVE-09-100-20180210	Total/NA	Solid	5035A	
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	5035A	
MB 550-139546/1-A	Method Blank	Total/NA	Solid	5035A	
LCS 550-139546/2-A	Lab Control Sample	Total/NA	Solid	5035A	
LCSD 550-139546/3-A	Lab Control Sample Dup	Total/NA	Solid	5035A	
550-97811-7 MS	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	5035A	
550-97811-7 MSD	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	5035A	

Analysis Batch: 139584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	8260B	139546
MB 550-139546/1-A	Method Blank	Total/NA	Solid	8260B	139546
LCS 550-139546/2-A	Lab Control Sample	Total/NA	Solid	8260B	139546
LCSD 550-139546/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	139546
550-97811-7 MS	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	8260B	139546
550-97811-7 MSD	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	8260B	139546

Analysis Batch: 139615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-1	SVE-09-60-20180209	Total/NA	Solid	8260B	139546

Analysis Batch: 139840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-2	SVE-09-70-20180209	Total/NA	Solid	8260B	139546
550-97811-3	SVE-09-80-20180209	Total/NA	Solid	8260B	139546
550-97811-4	SVE-09-90-20180210	Total/NA	Solid	8260B	139546
550-97811-5	SVE-09-100-20180210	Total/NA	Solid	8260B	139546

Metals

Prep Batch: 139857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	3050B	
MB 550-139857/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 550-139857/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 550-139857/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 139857 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-98034-A-1-A MS	Matrix Spike	Total/NA	Solid	3050B	
550-98034-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 139889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	7471B	
MB 550-139889/13-A	Method Blank	Total/NA	Solid	7471B	
LCS 550-139889/14-A	Lab Control Sample	Total/NA	Solid	7471B	
LCSD 550-139889/15-A	Lab Control Sample Dup	Total/NA	Solid	7471B	
550-98196-A-2-A MS	Matrix Spike	Total/NA	Solid	7471B	
550-98196-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 139929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	6010C	139857
MB 550-139857/1-A	Method Blank	Total/NA	Solid	6010C	139857
LCS 550-139857/2-A	Lab Control Sample	Total/NA	Solid	6010C	139857
LCSD 550-139857/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	139857
550-98034-A-1-A MS	Matrix Spike	Total/NA	Solid	6010C	139857
550-98034-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	139857

Analysis Batch: 139932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	7471B	139889
MB 550-139889/13-A	Method Blank	Total/NA	Solid	7471B	139889
LCS 550-139889/14-A	Lab Control Sample	Total/NA	Solid	7471B	139889
LCSD 550-139889/15-A	Lab Control Sample Dup	Total/NA	Solid	7471B	139889
550-98196-A-2-A MS	Matrix Spike	Total/NA	Solid	7471B	139889
550-98196-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	139889

Analysis Batch: 139934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-97811-7	Composite (IDW-A,B,C,D-20180212)	Total/NA	Solid	6010C	139857
MB 550-139857/1-A	Method Blank	Total/NA	Solid	6010C	139857
LCS 550-139857/2-A	Lab Control Sample	Total/NA	Solid	6010C	139857
LCSD 550-139857/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	139857
550-98034-A-1-A MS	Matrix Spike	Total/NA	Solid	6010C	139857
550-98034-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	139857

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: SVE-09-60-20180209 — Lab Sample ID: 550-97811-1

Date Collected: 02/09/18 12:58 — **Matrix: Solid**
Date Received: 02/12/18 12:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139546	02/09/18 12:58	NBL	TAL PHX
Total/NA	Analysis	8260B		1	139615	02/15/18 16:40	TC1	TAL PHX

Client Sample ID: SVE-09-70-20180209 — Lab Sample ID: 550-97811-2

Date Collected: 02/09/18 14:40 — **Matrix: Solid**
Date Received: 02/12/18 12:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139546	02/09/18 14:40	NBL	TAL PHX
Total/NA	Analysis	8260B		1	139840	02/19/18 09:58	R1K	TAL PHX

Client Sample ID: SVE-09-80-20180209 — Lab Sample ID: 550-97811-3

Date Collected: 02/09/18 16:30 — **Matrix: Solid**
Date Received: 02/12/18 12:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139546	02/09/18 16:30	NBL	TAL PHX
Total/NA	Analysis	8260B		1	139840	02/19/18 10:29	R1K	TAL PHX

Client Sample ID: SVE-09-90-20180210 — Lab Sample ID: 550-97811-4

Date Collected: 02/10/18 09:05 — **Matrix: Solid**
Date Received: 02/12/18 12:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139546	02/10/18 09:05	NBL	TAL PHX
Total/NA	Analysis	8260B		1	139840	02/19/18 11:00	R1K	TAL PHX

Client Sample ID: SVE-09-100-20180210 — Lab Sample ID: 550-97811-5

Date Collected: 02/10/18 10:10 — **Matrix: Solid**
Date Received: 02/12/18 12:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139546	02/10/18 10:10	NBL	TAL PHX
Total/NA	Analysis	8260B		1	139840	02/19/18 11:31	R1K	TAL PHX

Client Sample ID: SVE-09-105-20180210 — Lab Sample ID: 550-97811-6

Date Collected: 02/10/18 11:50 — **Matrix: Water**
Date Received: 02/12/18 12:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	139415	02/13/18 14:08	R1K	TAL PHX

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Client Sample ID: Composite (IDW-A,B,C,D-20180212)

Lab Sample ID: 550-97811-7

Date Collected: 02/12/18 09:05
Date Received: 02/12/18 12:01

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			139546	02/13/18 14:38	NBL	TAL PHX
Total/NA	Analysis	8260B		1	139584	02/14/18 12:15	TC1	TAL PHX
Total/NA	Prep	3050B			139857	02/19/18 10:18	EXZ	TAL PHX
Total/NA	Analysis	6010C		1	139929	02/19/18 14:01	ARE	TAL PHX
Total/NA	Prep	3050B			139857	02/19/18 10:18	EXZ	TAL PHX
Total/NA	Analysis	6010C		1	139934	02/19/18 14:43	ARE	TAL PHX
Total/NA	Prep	7471B			139889	02/19/18 10:55	JTG	TAL PHX
Total/NA	Analysis	7471B		1	139932	02/19/18 13:30	JTG	TAL PHX

Client Sample ID: TB

Lab Sample ID: 550-97811-8

Date Collected: 02/09/18 00:00
Date Received: 02/12/18 12:01

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	139415	02/13/18 14:33	R1K	TAL PHX

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Laboratory: TestAmerica Phoenix

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0728	06-09-18

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: Geosyntec Consultants, Inc.
Project/Site: SP0158

TestAmerica Job ID: 550-97811-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PHX
6010C	Metals (ICP)	SW846	TAL PHX
7471B	Mercury (CVAA)	SW846	TAL PHX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013-550 (0116)

CHAIN OF CUSTODY FORM 97811

[ ] Phoenix - 4625 E. Cotton Center Blvd., Suite 189, Phoenix, AZ 85040 (602) 437-3340

2/21/2018

Page 1 of 1

Client Name/Address: Geosyntec, 1811 N. Tatum Blvd Ste P186, Phoenix, AZ 85028

Project/PO Number: SP0158

Project Manager: Brian McNamara

Phone Number: 602-573-5816

Sampler: Matt Williams

Email Address: bmcnamara@geosyntec.com

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	8260B	RCRA 8 Metals 6010C/7471B									Instructions
SVE-09-60-20180209	soil	glass	2	02-09-18	1258	Methanol	✓		-1								
SVE-09-70-20180209	soil	glass	2	02-09-18	1440	Methanol	✓		2								
SVE-09-80-20180209	soil	glass	2	02-09-18	1630	Methanol	✓		3								
SVE-09-90-20180210	soil	glass	2	02-10-18	0905	Methanol	✓		4								
SVE-09-100-20180210	soil	glass	2	02-10-18	1010	Methanol	✓		5								
SVE-09-105-20180210	water	glass	3	02-10-18	1150	HCl	✓		6								
IDW-A-20180212	soil	glass	1	02-12-18	0905	none	✓	✓									composite sample
IDW-B-20180212	soil	glass	1	02-12-18	0906	none	✓	✓									
IDW-C-20180212	soil	glass	1	02-12-18	0907	none	✓	✓			7						
IDW-D-20180212	soil	glass	1	02-12-18	0908	none	✓	✓									
TB				02-09-18			✓				-8						

550-97811 Chain of Custody

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	02-12-18 1201	[signature]	
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab By: [signature]	Date/Time: 2/12/18 12:01

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact X on ice X

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

2.9°

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 550-97811-1

Login Number: 97811
List Number: 1
Creator: Vilaboy, Monica

List Source: TestAmerica Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.