



RECEIVED

MAR 29 2016

NYS DEC
REGION 9

March 25, 2016

David Locey
Environmental Engineer
NYSDEC Region 9
270 Michigan Avenue
Buffalo NY 14203

Re: 1746 Dale Road Site #V00422-9

Dear Mr. Locey,

Enclosed please find the compliance sampling reports for the 1746 Dale Road site, the reports were done in compliance with the September 2015 revised work plan prepared by IYER Engineering. The following reports are enclosed.

- December 2015 report of the SVE exhaust sampling after the carbon unit..
- March 2016 report sampling of exhaust before and after carbon unit.
- March 2016 ground water sampling of existing monitoring wells.

A chart is kept onsite and recorded for the weekly monitoring to ensure the system is operating. We have not been able to access the Davis Electric site to date.

Should you have any questions please feel free to contact me directly at (716) 480-2125 or rschopra@yahoo.com

Very truly yours,

Raj Chopra
President



RECEIVED

March 21, 2016

MAR 29 2016

Cash Cunningham
Mark Kuczka
1746 Dale Road
Cheektowaga NY 14221

NYS DEC
REGION 9

RE: 1746 Dale Road –Sampling of existing Monitoring Wells

Dear Sirs

On March 14, 2016 CEM collected six ground water samples from the existing wells at the ROCCO site on Dale Road in Cheektowaga NY. The samples were taken in accordance with the NYSDEC approved site plan as described below. The monitoring wells were purged and sampled for VOCs.

- Field measurements during sampling will include pH, and temperature.
- Dedicated, clean, soil-free bailers will be used for each well.
- The water level will be measured and recorded.
- Well water will be bailed and at the conclusion of purging, groundwater samples will be collected in 40-ml vials certified clean and provided by the laboratory for analysis.
- The samples were labeled and placed in coolers containing ice bags for shipment to the Paradigm Laboratory.

Site Measurements

Well #	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6
Depth to Bottom	14' ½"	14'	13'9"	13'5"	17'8"	14'2"
Depth to Water	1'1"	1'3"	2'3"	6"	4'2"	1'4"
Water Temperature (f)	43	41	41.4	39	44	43
pH	7.21	7.23	6.90	7.11	7.29	7.13

Analytical Data- Volatile Organic Compounds (ug/l)

Contaminate	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6
cis-1,2dichloroethene	45.5	<2	2260	<2	<2	9.03
Vinyl Chloride	11.9	<2	19800	<2	<2	<2
Acetone	<10	<10	<1000	11.2	<10	<10



Enclosed is a complete report from the laboratory and chain of custody and sample location map. If you have any questions or need any further information, please contact me at (716) 480-2125 or rschopra@yahoo.com.

Sincerely,

Raj Chopra

Raj Chopra



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
CEM Services, Inc.

For Lab Project ID

161016

Referencing

Rocco

Prepared

Friday, March 18, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, appearing to read "R. Rocco", is positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

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Report Prepared Friday, March 18, 2016

Page 1 of 17



Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-1

Lab Sample ID: 161016-01

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/15/2016 17:29
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/15/2016 17:29
1,1,2-Trichloroethane	< 2.00	ug/L		3/15/2016 17:29
1,1-Dichloroethane	< 2.00	ug/L		3/15/2016 17:29
1,1-Dichloroethene	< 2.00	ug/L		3/15/2016 17:29
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/15/2016 17:29
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/15/2016 17:29
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/15/2016 17:29
1,2-Dibromoethane	< 2.00	ug/L		3/15/2016 17:29
1,2-Dichlorobenzene	< 2.00	ug/L		3/15/2016 17:29
1,2-Dichloroethane	< 2.00	ug/L		3/15/2016 17:29
1,2-Dichloropropane	< 2.00	ug/L		3/15/2016 17:29
1,3-Dichlorobenzene	< 2.00	ug/L		3/15/2016 17:29
1,4-Dichlorobenzene	< 2.00	ug/L		3/15/2016 17:29
1,4-dioxane	< 20.0	ug/L		3/15/2016 17:29
2-Butanone	< 10.0	ug/L		3/15/2016 17:29
2-Hexanone	< 5.00	ug/L		3/15/2016 17:29
4-Methyl-2-pentanone	< 5.00	ug/L		3/15/2016 17:29
Acetone	< 10.0	ug/L		3/15/2016 17:29
Benzene	< 1.00	ug/L		3/15/2016 17:29
Bromochloromethane	< 5.00	ug/L		3/15/2016 17:29
Bromodichloromethane	< 2.00	ug/L		3/15/2016 17:29
Bromoform	< 5.00	ug/L		3/15/2016 17:29
Bromomethane	< 2.00	ug/L		3/15/2016 17:29
Carbon disulfide	< 2.00	ug/L		3/15/2016 17:29
Carbon Tetrachloride	< 2.00	ug/L		3/15/2016 17:29
Chlorobenzene	< 2.00	ug/L		3/15/2016 17:29
Chloroethane	< 2.00	ug/L		3/15/2016 17:29
Chloroform	< 2.00	ug/L		3/15/2016 17:29

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Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-1

Lab Sample ID: 161016-01

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Chloromethane	< 2.00	ug/L	3/15/2016 17:29
cis-1,2-Dichloroethene	45.5	ug/L	3/15/2016 17:29
cis-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 17:29
Cyclohexane	< 10.0	ug/L	3/15/2016 17:29
Dibromochloromethane	< 2.00	ug/L	3/15/2016 17:29
Dichlorodifluoromethane	< 2.00	ug/L	3/15/2016 17:29
Ethylbenzene	< 2.00	ug/L	3/15/2016 17:29
Freon 113	< 2.00	ug/L	3/15/2016 17:29
Isopropylbenzene	< 2.00	ug/L	3/15/2016 17:29
m,p-Xylene	< 2.00	ug/L	3/15/2016 17:29
Methyl acetate	< 2.00	ug/L	3/15/2016 17:29
Methyl tert-butyl Ether	< 2.00	ug/L	3/15/2016 17:29
Methylcyclohexane	< 2.00	ug/L	3/15/2016 17:29
Methylene chloride	< 5.00	ug/L	3/15/2016 17:29
o-Xylene	< 2.00	ug/L	3/15/2016 17:29
Styrene	< 5.00	ug/L	3/15/2016 17:29
Tetrachloroethene	< 2.00	ug/L	3/15/2016 17:29
Toluene	< 2.00	ug/L	3/15/2016 17:29
trans-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 17:29
trans-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 17:29
Trichloroethene	< 2.00	ug/L	3/15/2016 17:29
Trichlorofluoromethane	< 2.00	ug/L	3/15/2016 17:29
Vinyl chloride	11.9	ug/L	3/15/2016 17:29

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	102	81.6 - 118		3/15/2016 17:29
4-Bromofluorobenzene	88.3	79.5 - 115		3/15/2016 17:29
Pentafluorobenzene	95.6	91.4 - 111		3/15/2016 17:29
Toluene-D8	92.7	89.8 - 108		3/15/2016 17:29

Method Reference(s): EPA 8260C

EPA 5030C

Data File: x31061.D



Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-2

Lab Sample ID: 161016-02

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/15/2016 17:53
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/15/2016 17:53
1,1,2-Trichloroethane	< 2.00	ug/L		3/15/2016 17:53
1,1-Dichloroethane	< 2.00	ug/L		3/15/2016 17:53
1,1-Dichloroethene	< 2.00	ug/L		3/15/2016 17:53
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/15/2016 17:53
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/15/2016 17:53
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/15/2016 17:53
1,2-Dibromoethane	< 2.00	ug/L		3/15/2016 17:53
1,2-Dichlorobenzene	< 2.00	ug/L		3/15/2016 17:53
1,2-Dichloroethane	< 2.00	ug/L		3/15/2016 17:53
1,2-Dichloropropane	< 2.00	ug/L		3/15/2016 17:53
1,3-Dichlorobenzene	< 2.00	ug/L		3/15/2016 17:53
1,4-Dichlorobenzene	< 2.00	ug/L		3/15/2016 17:53
1,4-dioxane	< 20.0	ug/L		3/15/2016 17:53
2-Butanone	< 10.0	ug/L		3/15/2016 17:53
2-Hexanone	< 5.00	ug/L		3/15/2016 17:53
4-Methyl-2-pentanone	< 5.00	ug/L		3/15/2016 17:53
Acetone	< 10.0	ug/L		3/15/2016 17:53
Benzene	< 1.00	ug/L		3/15/2016 17:53
Bromochloromethane	< 5.00	ug/L		3/15/2016 17:53
Bromodichloromethane	< 2.00	ug/L		3/15/2016 17:53
Bromoform	< 5.00	ug/L		3/15/2016 17:53
Bromomethane	< 2.00	ug/L		3/15/2016 17:53
Carbon disulfide	< 2.00	ug/L		3/15/2016 17:53
Carbon Tetrachloride	< 2.00	ug/L		3/15/2016 17:53
Chlorobenzene	< 2.00	ug/L		3/15/2016 17:53
Chloroethane	< 2.00	ug/L		3/15/2016 17:53
Chloroform	< 2.00	ug/L		3/15/2016 17:53

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Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-2

Lab Sample ID: 161016-02

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Chloromethane	< 2.00	ug/L	3/15/2016 17:53
cis-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 17:53
cis-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 17:53
Cyclohexane	< 10.0	ug/L	3/15/2016 17:53
Dibromochloromethane	< 2.00	ug/L	3/15/2016 17:53
Dichlorodifluoromethane	< 2.00	ug/L	3/15/2016 17:53
Ethylbenzene	< 2.00	ug/L	3/15/2016 17:53
Freon 113	< 2.00	ug/L	3/15/2016 17:53
Isopropylbenzene	< 2.00	ug/L	3/15/2016 17:53
m,p-Xylene	< 2.00	ug/L	3/15/2016 17:53
Methyl acetate	< 2.00	ug/L	3/15/2016 17:53
Methyl tert-butyl Ether	< 2.00	ug/L	3/15/2016 17:53
Methylcyclohexane	< 2.00	ug/L	3/15/2016 17:53
Methylene chloride	< 5.00	ug/L	3/15/2016 17:53
o-Xylene	< 2.00	ug/L	3/15/2016 17:53
Styrene	< 5.00	ug/L	3/15/2016 17:53
Tetrachloroethene	< 2.00	ug/L	3/15/2016 17:53
Toluene	< 2.00	ug/L	3/15/2016 17:53
trans-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 17:53
trans-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 17:53
Trichloroethene	< 2.00	ug/L	3/15/2016 17:53
Trichlorofluoromethane	< 2.00	ug/L	3/15/2016 17:53
Vinyl chloride	< 2.00	ug/L	3/15/2016 17:53

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	101	81.6 - 118		3/15/2016 17:53
4-Bromofluorobenzene	88.6	79.5 - 115		3/15/2016 17:53
Pentafluorobenzene	92.9	91.4 - 111		3/15/2016 17:53
Toluene-D8	94.9	89.8 - 108		3/15/2016 17:53

Method Reference(s): EPA 8260C

EPA 5030C

Data File: x31062.D

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Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-3

Lab Sample ID: 161016-03

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 200	ug/L		3/15/2016 18:16
1,1,2,2-Tetrachloroethane	< 200	ug/L		3/15/2016 18:16
1,1,2-Trichloroethane	< 200	ug/L		3/15/2016 18:16
1,1-Dichloroethane	< 200	ug/L		3/15/2016 18:16
1,1-Dichloroethene	< 200	ug/L		3/15/2016 18:16
1,2,3-Trichlorobenzene	< 500	ug/L		3/15/2016 18:16
1,2,4-Trichlorobenzene	< 500	ug/L		3/15/2016 18:16
1,2-Dibromo-3-Chloropropane	< 1000	ug/L		3/15/2016 18:16
1,2-Dibromoethane	< 200	ug/L		3/15/2016 18:16
1,2-Dichlorobenzene	< 200	ug/L		3/15/2016 18:16
1,2-Dichloroethane	< 200	ug/L		3/15/2016 18:16
1,2-Dichloropropane	< 200	ug/L		3/15/2016 18:16
1,3-Dichlorobenzene	< 200	ug/L		3/15/2016 18:16
1,4-Dichlorobenzene	< 200	ug/L		3/15/2016 18:16
1,4-dioxane	< 2000	ug/L		3/15/2016 18:16
2-Butanone	< 1000	ug/L		3/15/2016 18:16
2-Hexanone	< 500	ug/L		3/15/2016 18:16
4-Methyl-2-pentanone	< 500	ug/L		3/15/2016 18:16
Acetone	< 1000	ug/L		3/15/2016 18:16
Benzene	< 100	ug/L		3/15/2016 18:16
Bromochloromethane	< 500	ug/L		3/15/2016 18:16
Bromodichloromethane	< 200	ug/L		3/15/2016 18:16
Bromoform	< 500	ug/L		3/15/2016 18:16
Bromomethane	< 200	ug/L		3/15/2016 18:16
Carbon disulfide	< 200	ug/L		3/15/2016 18:16
Carbon Tetrachloride	< 200	ug/L		3/15/2016 18:16
Chlorobenzene	< 200	ug/L		3/15/2016 18:16
Chloroethane	< 200	ug/L		3/15/2016 18:16
Chloroform	< 200	ug/L		3/15/2016 18:16

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Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-3

Lab Sample ID: 161016-03

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Chloromethane	< 200	ug/L	3/15/2016 18:16
cis-1,2-Dichloroethene	2260	ug/L	3/15/2016 18:16
cis-1,3-Dichloropropene	< 200	ug/L	3/15/2016 18:16
Cyclohexane	< 1000	ug/L	3/15/2016 18:16
Dibromochloromethane	< 200	ug/L	3/15/2016 18:16
Dichlorodifluoromethane	< 200	ug/L	3/15/2016 18:16
Ethylbenzene	< 200	ug/L	3/15/2016 18:16
Freon 113	< 200	ug/L	3/15/2016 18:16
Isopropylbenzene	< 200	ug/L	3/15/2016 18:16
m,p-Xylene	< 200	ug/L	3/15/2016 18:16
Methyl acetate	< 200	ug/L	3/15/2016 18:16
Methyl tert-butyl Ether	< 200	ug/L	3/15/2016 18:16
Methylcyclohexane	< 200	ug/L	3/15/2016 18:16
Methylene chloride	< 500	ug/L	3/15/2016 18:16
o-Xylene	< 200	ug/L	3/15/2016 18:16
Styrene	< 500	ug/L	3/15/2016 18:16
Tetrachloroethene	< 200	ug/L	3/15/2016 18:16
Toluene	< 200	ug/L	3/15/2016 18:16
trans-1,2-Dichloroethene	< 200	ug/L	3/15/2016 18:16
trans-1,3-Dichloropropene	< 200	ug/L	3/15/2016 18:16
Trichloroethene	< 200	ug/L	3/15/2016 18:16
Trichlorofluoromethane	< 200	ug/L	3/15/2016 18:16
Vinyl chloride	19800	ug/L	3/15/2016 18:16

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	104	81.6 - 118		3/15/2016 18:16
4-Bromofluorobenzene	88.1	79.5 - 115		3/15/2016 18:16
Pentafluorobenzene	95.8	91.4 - 111		3/15/2016 18:16
Toluene-D8	93.9	89.8 - 108		3/15/2016 18:16

Method Reference(s): EPA 8260C

EPA 5030C

Data File: x31063.D

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Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-4

Lab Sample ID: 161016-04

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/15/2016 18:40
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/15/2016 18:40
1,1,2-Trichloroethane	< 2.00	ug/L		3/15/2016 18:40
1,1-Dichloroethane	< 2.00	ug/L		3/15/2016 18:40
1,1-Dichloroethene	< 2.00	ug/L		3/15/2016 18:40
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/15/2016 18:40
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/15/2016 18:40
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/15/2016 18:40
1,2-Dibromoethane	< 2.00	ug/L		3/15/2016 18:40
1,2-Dichlorobenzene	< 2.00	ug/L		3/15/2016 18:40
1,2-Dichloroethane	< 2.00	ug/L		3/15/2016 18:40
1,2-Dichloropropane	< 2.00	ug/L		3/15/2016 18:40
1,3-Dichlorobenzene	< 2.00	ug/L		3/15/2016 18:40
1,4-Dichlorobenzene	< 2.00	ug/L		3/15/2016 18:40
1,4-dioxane	< 20.0	ug/L		3/15/2016 18:40
2-Butanone	< 10.0	ug/L		3/15/2016 18:40
2-Hexanone	< 5.00	ug/L		3/15/2016 18:40
4-Methyl-2-pentanone	< 5.00	ug/L		3/15/2016 18:40
Acetone	11.2	ug/L		3/15/2016 18:40
Benzene	< 1.00	ug/L		3/15/2016 18:40
Bromochloromethane	< 5.00	ug/L		3/15/2016 18:40
Bromodichloromethane	< 2.00	ug/L		3/15/2016 18:40
Bromoform	< 5.00	ug/L		3/15/2016 18:40
Bromomethane	< 2.00	ug/L		3/15/2016 18:40
Carbon disulfide	< 2.00	ug/L		3/15/2016 18:40
Carbon Tetrachloride	< 2.00	ug/L		3/15/2016 18:40
Chlorobenzene	< 2.00	ug/L		3/15/2016 18:40
Chloroethane	< 2.00	ug/L		3/15/2016 18:40
Chloroform	< 2.00	ug/L		3/15/2016 18:40

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Report Prepared Friday, March 18, 2016



Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-4

Lab Sample ID: 161016-04

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Chloromethane	< 2.00	ug/L	3/15/2016 18:40
cis-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 18:40
cis-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 18:40
Cyclohexane	< 10.0	ug/L	3/15/2016 18:40
Dibromochloromethane	< 2.00	ug/L	3/15/2016 18:40
Dichlorodifluoromethane	< 2.00	ug/L	3/15/2016 18:40
Ethylbenzene	< 2.00	ug/L	3/15/2016 18:40
Freon 113	< 2.00	ug/L	3/15/2016 18:40
Isopropylbenzene	< 2.00	ug/L	3/15/2016 18:40
m,p-Xylene	< 2.00	ug/L	3/15/2016 18:40
Methyl acetate	< 2.00	ug/L	3/15/2016 18:40
Methyl tert-butyl Ether	< 2.00	ug/L	3/15/2016 18:40
Methylcyclohexane	< 2.00	ug/L	3/15/2016 18:40
Methylene chloride	< 5.00	ug/L	3/15/2016 18:40
o-Xylene	< 2.00	ug/L	3/15/2016 18:40
Styrene	< 5.00	ug/L	3/15/2016 18:40
Tetrachloroethene	< 2.00	ug/L	3/15/2016 18:40
Toluene	< 2.00	ug/L	3/15/2016 18:40
trans-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 18:40
trans-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 18:40
Trichloroethene	< 2.00	ug/L	3/15/2016 18:40
Trichlorofluoromethane	< 2.00	ug/L	3/15/2016 18:40
Vinyl chloride	< 2.00	ug/L	3/15/2016 18:40

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	106	81.6 - 118		3/15/2016 18:40
4-Bromofluorobenzene	89.6	79.5 - 115		3/15/2016 18:40
Pentafluorobenzene	92.3	91.4 - 111		3/15/2016 18:40
Toluene-D8	95.4	89.8 - 108		3/15/2016 18:40

Method Reference(s): EPA 8260C

EPA 5030C

Data File: x31064.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-5

Lab Sample ID: 161016-05

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/15/2016 19:03
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/15/2016 19:03
1,1,2-Trichloroethane	< 2.00	ug/L		3/15/2016 19:03
1,1-Dichloroethane	< 2.00	ug/L		3/15/2016 19:03
1,1-Dichloroethene	< 2.00	ug/L		3/15/2016 19:03
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/15/2016 19:03
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/15/2016 19:03
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/15/2016 19:03
1,2-Dibromoethane	< 2.00	ug/L		3/15/2016 19:03
1,2-Dichlorobenzene	< 2.00	ug/L		3/15/2016 19:03
1,2-Dichloroethane	< 2.00	ug/L		3/15/2016 19:03
1,2-Dichloropropane	< 2.00	ug/L		3/15/2016 19:03
1,3-Dichlorobenzene	< 2.00	ug/L		3/15/2016 19:03
1,4-Dichlorobenzene	< 2.00	ug/L		3/15/2016 19:03
1,4-dioxane	< 20.0	ug/L		3/15/2016 19:03
2-Butanone	< 10.0	ug/L		3/15/2016 19:03
2-Hexanone	< 5.00	ug/L		3/15/2016 19:03
4-Methyl-2-pentanone	< 5.00	ug/L		3/15/2016 19:03
Acetone	< 10.0	ug/L		3/15/2016 19:03
Benzene	< 1.00	ug/L		3/15/2016 19:03
Bromochloromethane	< 5.00	ug/L		3/15/2016 19:03
Bromodichloromethane	< 2.00	ug/L		3/15/2016 19:03
Bromoform	< 5.00	ug/L		3/15/2016 19:03
Bromomethane	< 2.00	ug/L		3/15/2016 19:03
Carbon disulfide	< 2.00	ug/L		3/15/2016 19:03
Carbon Tetrachloride	< 2.00	ug/L		3/15/2016 19:03
Chlorobenzene	< 2.00	ug/L		3/15/2016 19:03
Chloroethane	< 2.00	ug/L		3/15/2016 19:03
Chloroform	< 2.00	ug/L		3/15/2016 19:03

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-5

Lab Sample ID: 161016-05

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Chloromethane	< 2.00	ug/L	3/15/2016 19:03
cis-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 19:03
cis-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 19:03
Cyclohexane	< 10.0	ug/L	3/15/2016 19:03
Dibromochloromethane	< 2.00	ug/L	3/15/2016 19:03
Dichlorodifluoromethane	< 2.00	ug/L	3/15/2016 19:03
Ethylbenzene	< 2.00	ug/L	3/15/2016 19:03
Freon 113	< 2.00	ug/L	3/15/2016 19:03
Isopropylbenzene	< 2.00	ug/L	3/15/2016 19:03
m,p-Xylene	< 2.00	ug/L	3/15/2016 19:03
Methyl acetate	< 2.00	ug/L	3/15/2016 19:03
Methyl tert-butyl Ether	< 2.00	ug/L	3/15/2016 19:03
Methylcyclohexane	< 2.00	ug/L	3/15/2016 19:03
Methylene chloride	< 5.00	ug/L	3/15/2016 19:03
o-Xylene	< 2.00	ug/L	3/15/2016 19:03
Styrene	< 5.00	ug/L	3/15/2016 19:03
Tetrachloroethene	< 2.00	ug/L	3/15/2016 19:03
Toluene	< 2.00	ug/L	3/15/2016 19:03
trans-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 19:03
trans-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 19:03
Trichloroethene	< 2.00	ug/L	3/15/2016 19:03
Trichlorofluoromethane	< 2.00	ug/L	3/15/2016 19:03
Vinyl chloride	< 2.00	ug/L	3/15/2016 19:03

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	105	81.6 - 118		3/15/2016 19:03
4-Bromofluorobenzene	87.3	79.5 - 115		3/15/2016 19:03
Pentafluorobenzene	91.8	91.4 - 111		3/15/2016 19:03
Toluene-D8	93.5	89.8 - 108		3/15/2016 19:03

Method Reference(s): EPA 8260C

EPA 5030C

Data File: x31065.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-6

Lab Sample ID: 161016-06

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/15/2016 19:27
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/15/2016 19:27
1,1,2-Trichloroethane	< 2.00	ug/L		3/15/2016 19:27
1,1-Dichloroethane	< 2.00	ug/L		3/15/2016 19:27
1,1-Dichloroethene	< 2.00	ug/L		3/15/2016 19:27
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/15/2016 19:27
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/15/2016 19:27
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/15/2016 19:27
1,2-Dibromoethane	< 2.00	ug/L		3/15/2016 19:27
1,2-Dichlorobenzene	< 2.00	ug/L		3/15/2016 19:27
1,2-Dichloroethane	< 2.00	ug/L		3/15/2016 19:27
1,2-Dichloropropane	< 2.00	ug/L		3/15/2016 19:27
1,3-Dichlorobenzene	< 2.00	ug/L		3/15/2016 19:27
1,4-Dichlorobenzene	< 2.00	ug/L		3/15/2016 19:27
1,4-dioxane	< 20.0	ug/L		3/15/2016 19:27
2-Butanone	< 10.0	ug/L		3/15/2016 19:27
2-Hexanone	< 5.00	ug/L		3/15/2016 19:27
4-Methyl-2-pentanone	< 5.00	ug/L		3/15/2016 19:27
Acetone	< 10.0	ug/L		3/15/2016 19:27
Benzene	< 1.00	ug/L		3/15/2016 19:27
Bromochloromethane	< 5.00	ug/L		3/15/2016 19:27
Bromodichloromethane	< 2.00	ug/L		3/15/2016 19:27
Bromoform	< 5.00	ug/L		3/15/2016 19:27
Bromomethane	< 2.00	ug/L		3/15/2016 19:27
Carbon disulfide	< 2.00	ug/L		3/15/2016 19:27
Carbon Tetrachloride	< 2.00	ug/L		3/15/2016 19:27
Chlorobenzene	< 2.00	ug/L		3/15/2016 19:27
Chloroethane	< 2.00	ug/L		3/15/2016 19:27
Chloroform	< 2.00	ug/L		3/15/2016 19:27

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Lab Project ID: 161016

Client: CEM Services, Inc.

Project Reference: Rocco

Sample Identifier: GW-6

Lab Sample ID: 161016-06

Date Sampled: 3/12/2016

Matrix: Groundwater

Date Received: 3/14/2016

Chloromethane	< 2.00	ug/L	3/15/2016 19:27
cis-1,2-Dichloroethene	9.03	ug/L	3/15/2016 19:27
cis-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 19:27
Cyclohexane	< 10.0	ug/L	3/15/2016 19:27
Dibromochloromethane	< 2.00	ug/L	3/15/2016 19:27
Dichlorodifluoromethane	< 2.00	ug/L	3/15/2016 19:27
Ethylbenzene	< 2.00	ug/L	3/15/2016 19:27
Freon 113	< 2.00	ug/L	3/15/2016 19:27
Isopropylbenzene	< 2.00	ug/L	3/15/2016 19:27
m,p-Xylene	< 2.00	ug/L	3/15/2016 19:27
Methyl acetate	< 2.00	ug/L	3/15/2016 19:27
Methyl tert-butyl Ether	< 2.00	ug/L	3/15/2016 19:27
Methylcyclohexane	< 2.00	ug/L	3/15/2016 19:27
Methylene chloride	< 5.00	ug/L	3/15/2016 19:27
o-Xylene	< 2.00	ug/L	3/15/2016 19:27
Styrene	< 5.00	ug/L	3/15/2016 19:27
Tetrachloroethene	< 2.00	ug/L	3/15/2016 19:27
Toluene	< 2.00	ug/L	3/15/2016 19:27
trans-1,2-Dichloroethene	< 2.00	ug/L	3/15/2016 19:27
trans-1,3-Dichloropropene	< 2.00	ug/L	3/15/2016 19:27
Trichloroethene	< 2.00	ug/L	3/15/2016 19:27
Trichlorofluoromethane	< 2.00	ug/L	3/15/2016 19:27
Vinyl chloride	< 2.00	ug/L	3/15/2016 19:27

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	104	81.6 - 118		3/15/2016 19:27
4-Bromofluorobenzene	85.8	79.5 - 115		3/15/2016 19:27
Pentafluorobenzene	92.8	91.4 - 111		3/15/2016 19:27
Toluene-D8	92.9	89.8 - 108		3/15/2016 19:27

Method Reference(s): EPA 8260C

EPA 5030C

Data File: x31066.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 18, 2016



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

**** = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

1 of 2



CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <u>CEM</u>	COMPANY: <u>Same</u>	LAB PROJECT #: <u>161016</u>	CLIENT PROJECT #:
ADDRESS: <u>1815 Love Rd</u>	ADDRESS:		
CITY: <u>EE</u> STATE: <u>NY</u> ZIP: <u>14023</u>	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:	PHONE: FAX:		
ATTN: <u>RAT CARRAN</u>	ATTN:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
COMMENTS:		Quotation #	

PROJECT NAME/SITE NAME:

ROCCO

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	VOC-TCL	PAS	3/14/16											REMARKS	PARADIGM LAB SAMPLE NUMBER
1 3-12	10 ⁰⁰		✓	GW-1	GW	1	X													Groundwater	01
2 3-12	10 ¹⁵		✓	GW-2	GW	1	X														02
3 3-12	10 ³⁰		✓	GW-3	GW	1	X														03
4 3-12	10 ⁴⁵		✓	GW-4	GW	1	X														04
5 3-12	11 ⁰⁰		✓	GW-5	GW	1	X														05
6 3-12	11 ¹⁵		✓	GW-6	GW	1	X														06
7																					
8																					
9																					
10																					

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>13°C 3/14/16 13:52</u>		

BS 3-14-16
 Sampled By Date/Time
My M. Jay 3-14-16 1100
 Relinquished By Date/Time
SR 3/14/16 14:57
 Received By Date/Time
 Received @ Lab By Date/Time

Total Cost:

P.I.F.



Chain of Custody Supplement

Client: CEM ServicesCompleted by: Glen PezzulloLab Project ID: 161016Date: 3/14/16

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> 03,05	<input checked="" type="checkbox"/> 01,02,04,06	<input type="checkbox"/>
Comments	<hr/>		
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<hr/>		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/> 13°C		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		



March 19, 2016

Cash Cunningham
Mark Kuczka
1746 Dale Road
Cheektowaga NY 14221

RECEIVED

MAR 29 2016

NYS DEC
REGION 9

RE: 1746 Dale Road –Sampling of SVE Unit exhaust

Dear Sirs

On March 5, 2016 A sample before and after the PVC exhaust vent of the carbon unit of the SVE system was drawn into a pressurized summa canister that was provided by Centek Laboratories a NYS ELAP approved facility. The samples were federal expressed to the Centek laboratory and then analyzed by the TO-15 Method. No sampling was below grade so the helium trace system was not used. The SVES performances of the vacuum levels are on a weekly basis.

The following table lists the original sample results that were detected and also the current results. All results are ug/m3

Compound	Original Result	11/14 Before	3/5 Before	3/5 After
Toluene	210	6.6	18	12
cis-1,2dichloroethene	2,300		11	<1.6
TCE	190,000	<0.81	39	< 0.81
Teteracloroethene	710	<1.0	.75	<1.0
1,1 Dicloroethane	800	<0.59	<0.59	<0.59
Ethylebenzene		1.3	10.9	3.3
Chloroform		4.8	50	4.0
Acetone		14	10	7.8
Freon 12		2.6	3.6	1.7
m&p Xylene		1.9	4.9	12
Styrene		1.3	2.5	<.64
Vinyl Chloride		1.2	13	9.5
1,2,4-Trimethylbenzene			2.2	1.8
2,2,4-Trimethylpentane			1.8	<.70
Benzene			1.1	<.48
Bromodicholomethane			12	<1,0
Chloromethane			1.1	1.5
Cyclohexane			< 0.52	2.5
Dibromochloromethane			< 1.3	3.6
Freon 11			2.6	0.53
Freon 113			0.77	< 0.54
Freon 114			< 1.0	2.3
Hexane			2.5	< 1.0
Isopropyl alcohol			1.2	6.2
Methyl Ethyl Ketone			6.9	< 0.68
Methyl Isobutyl Ketone			0.70	< 0.81
Methylene chloride			21	< 0.66

o-Xylene			2.1	9.5
Styrene			2.5	< 0.64
Tetrachloroethylene			0.75	< 1.0

Enclosed is a complete report from the laboratory.

If you have any questions or need any further information, please contact me at (716) 480-2125 or rschopra@yahoo.com.

Sincerely,

Raj Chopra

Raj Chopra



CEN TEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206

Phone (315) 431-9730 * Emergency 24/7 (315) 416-2752

NYSDOH ELAP

Certificate No. 11830

Analytical Report

Raj Chopra
CEM
1815 Love Road
Grand Island, NY 14072

Tuesday, March 15, 2016
Order No.: C1603034

TEL: (716) 480-2125

FAX

RE: Rocco

Dear Raj Chopra:

Centek Laboratories, LLC received 2 sample(s) on 3/11/2016 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Centek Laboratories performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

William Dobbin
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable

for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate, propylene, 4-PCH, sulfur derived and silicon series compounds.

Centek Laboratories, LLC Terms and Conditions

Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website www.CentekLabs.com. Samples received after 3:00pm are considered to be a part of the next day's business.

Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any damages of equipment.

Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit application on file to extend credit. Purchase orders or checks information must be submitted

for us to release results

Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

Applicable Surcharges for Rush Turnaround Samples:

Same day TAT = 200%

Next business day TAT by Noon = 150%

Next business day TAT by 6:00pm = 100%

Second business day TAT by 6:00pm = 75%

Third business day TAT by 6:00pm = 50%

Fourth business day TAT by 6:00pm = 35%

Fifth business day = Standard

Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.



CEN TEK LABORATORIES, LLC

Date: 22-Mar-16

CLIENT: CEM
Project: Rocco
Lab Order: C1603034

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80
Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:

Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (± 2 ", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (± 1 ", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg, ± 1 ". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.



CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name CEM

Date and Time Receive

3/11/2016

Work Order Number C1603034

Received by NM

Checklist completed by

Signature

Date

Reviewed by

Initials

Date

Matrix:

Carrier name: FedEx Ground

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____



CENTEK LABORATORIES, LLC

Date: 22-Mar-16

CLIENT: CEM
Project: Rocco
Lab Order: C1603034

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C1603034-001A	1-Before	1190.1456	3/5/2016	3/11/2016
C1603034-002A	2-After	541.1456	3/5/2016	3/11/2016

Lab Order: C1603034

Client: CEM

Project: Rocco

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C1603034-001A	1-Before	3/5/2016	Air	lug/M3 by Method TO15			3/12/2016
				lug/M3 by Method TO15			3/12/2016
C1603034-002A	2-After			lug/M3 by Method TO15			3/12/2016
				lug/M3 by Method TO15			3/12/2016

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-001A

Client Sample ID: 1-Before
Tag Number: 1190.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-2			"Hg		3/11/2016
Lab Vacuum Out	-30			"Hg		3/11/2016
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,2,4-Trimethylbenzene	0.41	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/12/2016 7:32:00 AM
2,2,4-trimethylpentane	0.38	0.15		ppbV	1	3/12/2016 7:32:00 AM
4-ethyltoluene	0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Acetone	4.3	3.0		ppbV	10	3/12/2016 3:10:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Benzene	0.35	0.15		ppbV	1	3/12/2016 7:32:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Bromodichloromethane	1.9	0.15		ppbV	1	3/12/2016 7:32:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Chloroform	10	1.5		ppbV	10	3/12/2016 3:10:00 AM
Chloromethane	0.55	0.15		ppbV	1	3/12/2016 7:32:00 AM
cis-1,2-Dichloroethene	2.8	1.5		ppbV	10	3/12/2016 3:10:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Ethyl acetate	< 0.25	0.25		ppbV	1	3/12/2016 7:32:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-001A

Client Sample ID: 1-Before
Tag Number: 1190.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15			TO-15		Analyst: RJP	
Ethylbenzene	0.44	0.15		ppbV	1	3/12/2016 7:32:00 AM
Freon 11	0.47	0.15		ppbV	1	3/12/2016 7:32:00 AM
Freon 113	0.10	0.15	J	ppbV	1	3/12/2016 7:32:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Freon 12	0.72	0.15		ppbV	1	3/12/2016 7:32:00 AM
Heptane	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Hexane	0.70	0.15		ppbV	1	3/12/2016 7:32:00 AM
Isopropyl alcohol	0.47	0.15		ppbV	1	3/12/2016 7:32:00 AM
m&p-Xylene	1.1	0.30		ppbV	1	3/12/2016 7:32:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/12/2016 7:32:00 AM
Methyl Ethyl Ketone	2.3	0.30		ppbV	1	3/12/2016 7:32:00 AM
Methyl Isobutyl Ketone	0.17	0.30	J	ppbV	1	3/12/2016 7:32:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Methylene chloride	6.0	1.5		ppbV	10	3/12/2016 3:10:00 AM
o-Xylene	0.48	0.15		ppbV	1	3/12/2016 7:32:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Styrene	0.58	0.15		ppbV	1	3/12/2016 7:32:00 AM
Tetrachloroethylene	0.11	0.15	J	ppbV	1	3/12/2016 7:32:00 AM
Tetrahydrofuran	3.3	1.5		ppbV	10	3/12/2016 3:10:00 AM
Toluene	4.7	1.5		ppbV	10	3/12/2016 3:10:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Trichloroethene	7.2	1.5		ppbV	10	3/12/2016 3:10:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/12/2016 7:32:00 AM
Vinyl chloride	4.9	1.5		ppbV	10	3/12/2016 3:10:00 AM
Surr: Bromofluorobenzene	120	70-130		%REC	1	3/12/2016 7:32:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-002A

Client Sample ID: 2-After
Tag Number: 541.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-2			"Hg		3/11/2016
Lab Vacuum Out	-30			"Hg		3/11/2016
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,2,4-Trimethylbenzene	0.36	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/12/2016 8:11:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
4-ethyltoluene	0.13	0.15	J	ppbV	1	3/12/2016 8:11:00 AM
Acetone	3.3	3.0		ppbV	10	3/12/2016 3:47:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Benzene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Chloroform	12	1.5		ppbV	10	3/12/2016 3:47:00 AM
Chloromethane	0.68	0.15		ppbV	1	3/12/2016 8:11:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Cyclohexane	0.19	0.15		ppbV	1	3/12/2016 8:11:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Ethyl acetate	< 0.25	0.25		ppbV	1	3/12/2016 8:11:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-002A

Client Sample ID: 2-After
Tag Number: 541.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15			TO-15		Analyst: RJP	
Ethylbenzene	0.35	0.15		ppbV	1	3/12/2016 8:11:00 AM
Freon 11	0.42	0.15		ppbV	1	3/12/2016 8:11:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Freon 12	0.80	0.15		ppbV	1	3/12/2016 8:11:00 AM
Heptane	0.36	0.15		ppbV	1	3/12/2016 8:11:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Hexane	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Isopropyl alcohol	1.0	0.15		ppbV	1	3/12/2016 8:11:00 AM
m&p-Xylene	0.83	0.30		ppbV	1	3/12/2016 8:11:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/12/2016 8:11:00 AM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	3/12/2016 8:11:00 AM
Methyl Isobutyl Ketone	0.13	0.30	J	ppbV	1	3/12/2016 8:11:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Methylene chloride	0.65	0.15		ppbV	1	3/12/2016 8:11:00 AM
o-Xylene	0.39	0.15		ppbV	1	3/12/2016 8:11:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Tetrahydrofuran	2.1	1.5		ppbV	10	3/12/2016 3:47:00 AM
Toluene	3.2	1.5		ppbV	10	3/12/2016 3:47:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/12/2016 8:11:00 AM
Vinyl chloride	3.7	1.5		ppbV	10	3/12/2016 3:47:00 AM
Surr: Bromofluorobenzene	121	70-130		%REC	1	3/12/2016 8:11:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-001A

Client Sample ID: 1-Before
Tag Number: 1190.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/12/2016 7:32:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/12/2016 7:32:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/12/2016 7:32:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/12/2016 7:32:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/12/2016 7:32:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/12/2016 7:32:00 AM
1,2,4-Trimethylbenzene	2.0	0.74		ug/m3	1	3/12/2016 7:32:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/12/2016 7:32:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/12/2016 7:32:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/12/2016 7:32:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/12/2016 7:32:00 AM
1,3,5-Trimethylbenzene	0.93	0.74		ug/m3	1	3/12/2016 7:32:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/12/2016 7:32:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/12/2016 7:32:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/12/2016 7:32:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/12/2016 7:32:00 AM
2,2,4-trimethylpentane	1.8	0.70		ug/m3	1	3/12/2016 7:32:00 AM
4-ethyltoluene	0.74	0.74		ug/m3	1	3/12/2016 7:32:00 AM
Acetone	10	7.1		ug/m3	10	3/12/2016 3:10:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/12/2016 7:32:00 AM
Benzene	1.1	0.48		ug/m3	1	3/12/2016 7:32:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/12/2016 7:32:00 AM
Bromodichloromethane	12	1.0		ug/m3	1	3/12/2016 7:32:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/12/2016 7:32:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/12/2016 7:32:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/12/2016 7:32:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/12/2016 7:32:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/12/2016 7:32:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/12/2016 7:32:00 AM
Chloroform	50	7.3		ug/m3	10	3/12/2016 3:10:00 AM
Chloromethane	1.1	0.31		ug/m3	1	3/12/2016 7:32:00 AM
cis-1,2-Dichloroethene	11	5.9		ug/m3	10	3/12/2016 3:10:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/12/2016 7:32:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/12/2016 7:32:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/12/2016 7:32:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	3/12/2016 7:32:00 AM
Ethylbenzene	1.9	0.65		ug/m3	1	3/12/2016 7:32:00 AM
Freon 11	2.6	0.84		ug/m3	1	3/12/2016 7:32:00 AM
Freon 113	0.77	1.1	J	ug/m3	1	3/12/2016 7:32:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/12/2016 7:32:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-001A

Client Sample ID: 1-Before
Tag Number: 1190.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	3.6	0.74		ug/m3	1	3/12/2016 7:32:00 AM
Heptane	< 0.61	0.61		ug/m3	1	3/12/2016 7:32:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/12/2016 7:32:00 AM
Hexane	2.5	0.53		ug/m3	1	3/12/2016 7:32:00 AM
Isopropyl alcohol	1.2	0.37		ug/m3	1	3/12/2016 7:32:00 AM
m&p-Xylene	4.9	1.3		ug/m3	1	3/12/2016 7:32:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/12/2016 7:32:00 AM
Methyl Ethyl Ketone	6.9	0.88		ug/m3	1	3/12/2016 7:32:00 AM
Methyl Isobutyl Ketone	0.70	1.2	J	ug/m3	1	3/12/2016 7:32:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/12/2016 7:32:00 AM
Methylene chloride	21	5.2		ug/m3	10	3/12/2016 3:10:00 AM
o-Xylene	2.1	0.65		ug/m3	1	3/12/2016 7:32:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/12/2016 7:32:00 AM
Styrene	2.5	0.64		ug/m3	1	3/12/2016 7:32:00 AM
Tetrachloroethylene	0.75	1.0	J	ug/m3	1	3/12/2016 7:32:00 AM
Tetrahydrofuran	9.7	4.4		ug/m3	10	3/12/2016 3:10:00 AM
Toluene	18	5.7		ug/m3	10	3/12/2016 3:10:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/12/2016 7:32:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/12/2016 7:32:00 AM
Trichloroethene	39	8.1		ug/m3	10	3/12/2016 3:10:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/12/2016 7:32:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/12/2016 7:32:00 AM
Vinyl chloride	13	3.8		ug/m3	10	3/12/2016 3:10:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-002A

Client Sample ID: 2-After
Tag Number: 541.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15			TO-15		Analyst: RJP	
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/12/2016 8:11:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/12/2016 8:11:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/12/2016 8:11:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/12/2016 8:11:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/12/2016 8:11:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/12/2016 8:11:00 AM
1,2,4-Trimethylbenzene	1.8	0.74		ug/m3	1	3/12/2016 8:11:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/12/2016 8:11:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/12/2016 8:11:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/12/2016 8:11:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/12/2016 8:11:00 AM
1,3,5-Trimethylbenzene	0.88	0.74		ug/m3	1	3/12/2016 8:11:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/12/2016 8:11:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/12/2016 8:11:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/12/2016 8:11:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/12/2016 8:11:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/12/2016 8:11:00 AM
4-ethyltoluene	0.64	0.74	J	ug/m3	1	3/12/2016 8:11:00 AM
Acetone	7.8	7.1		ug/m3	10	3/12/2016 3:47:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/12/2016 8:11:00 AM
Benzene	< 0.48	0.48		ug/m3	1	3/12/2016 8:11:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/12/2016 8:11:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/12/2016 8:11:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/12/2016 8:11:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/12/2016 8:11:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/12/2016 8:11:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/12/2016 8:11:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/12/2016 8:11:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/12/2016 8:11:00 AM
Chloroform	56	7.3		ug/m3	10	3/12/2016 3:47:00 AM
Chloromethane	1.4	0.31		ug/m3	1	3/12/2016 8:11:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/12/2016 8:11:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/12/2016 8:11:00 AM
Cyclohexane	0.65	0.52		ug/m3	1	3/12/2016 8:11:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/12/2016 8:11:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	3/12/2016 8:11:00 AM
Ethylbenzene	1.5	0.65		ug/m3	1	3/12/2016 8:11:00 AM
Freon 11	2.4	0.84		ug/m3	1	3/12/2016 8:11:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/12/2016 8:11:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/12/2016 8:11:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 15-Mar-16

CLIENT: CEM
Lab Order: C1603034
Project: Rocco
Lab ID: C1603034-002A

Client Sample ID: 2-After
Tag Number: 541.1456
Collection Date: 3/5/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	4.0	0.74		ug/m3	1	3/12/2016 8:11:00 AM
Heptane	1.5	0.61		ug/m3	1	3/12/2016 8:11:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/12/2016 8:11:00 AM
Hexane	< 0.53	0.53		ug/m3	1	3/12/2016 8:11:00 AM
Isopropyl alcohol	2.5	0.37		ug/m3	1	3/12/2016 8:11:00 AM
m&p-Xylene	3.6	1.3		ug/m3	1	3/12/2016 8:11:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/12/2016 8:11:00 AM
Methyl Ethyl Ketone	3.3	0.88		ug/m3	1	3/12/2016 8:11:00 AM
Methyl Isobutyl Ketone	0.53	1.2	J	ug/m3	1	3/12/2016 8:11:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/12/2016 8:11:00 AM
Methylene chloride	2.3	0.52		ug/m3	1	3/12/2016 8:11:00 AM
o-Xylene	1.7	0.65		ug/m3	1	3/12/2016 8:11:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/12/2016 8:11:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/12/2016 8:11:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/12/2016 8:11:00 AM
Tetrahydrofuran	6.2	4.4		ug/m3	10	3/12/2016 3:47:00 AM
Toluene	12	5.7		ug/m3	10	3/12/2016 3:47:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/12/2016 8:11:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/12/2016 8:11:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/12/2016 8:11:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/12/2016 8:11:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/12/2016 8:11:00 AM
Vinyl chloride	9.5	3.8		ug/m3	10	3/12/2016 3:47:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		



December 1, 2015

Cash Cunningham
Mark Kuczka
1746 Dale Road
Cheektowaga NY 14221

RE: 1746 Dale Road –Sampling of SVE Unit exhaust

Dear Sirs

On November 14, 2015 A sample of the exhaust vent before the carbon unit of the SVE system was drawn into a pressurized summa canister that was provided by Centek Laboratories a NYS ELAP approved facility. The samples were federal expressed to the Centek laboratory and then analyzed by the TO-15 Method.

The following table lists the original sample results that were detected and also the current results.

Compound	Original Result	11/14 Results
<i>Toluene</i>	<i>210 ug/m3</i>	<i>6.6 ug/mg3</i>
<i>cis-1,2dichloroethene</i>	<i>2,300 ug/mg3</i>	<i><0.59 ug/mg3</i>
<i>TCE</i>	<i>190,000 ug/mg3</i>	<i><0.81 ug/mg3</i>
<i>Teteracloroethene</i>	<i>710 ug/mg3</i>	<i><1.0 ug/mg3</i>
<i>1,1 Dicloroethane</i>	<i>800 ug/mg3</i>	<i><0.59 ug/mg3</i>
<i>Ethylebenzene</i>		<i>1.3 ug/mg3</i>
<i>Chloroform</i>		<i>4.8 ug/mg3</i>
<i>Acetone</i>		<i>14 ug/mg3</i>
<i>Freon 12</i>		<i>2.6 ug/mg3</i>
<i>m&p Xylene</i>		<i>1.9 ug/mg3</i>
<i>Styrene</i>		<i>1.3 ug/mg3</i>
<i>Vinyl Chloride</i>		<i>1.2 ug/mg3</i>

Enclosed is a complete report from the laboratory.

If you have any questions or need any further information, please contact me at (716) 480-2125 or rschopra@yahoo.com.

Sincerely,

Raj Chopra
Raj Chopra



CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206

Phone (315) 431-9730 * Emergency 24/7 (315) 416-2752

NYSDOH ELAP

Certificate No. 11830

Analytical Report

Raj Chopra
CEM
1815 Love Road
Grand Island, NY 14072

Tuesday, November 24, 2015
Order No.: C1511045

TEL: (716) 480-2125

FAX

RE: Dale Rd

Dear Raj Chopra:

Centek Laboratories, LLC received 1 sample(s) on 11/17/2015 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Centek Laboratories performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

William Dobbin
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable

for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate, propylene, 4-PCH, sulfur derived and silicon series compounds.

Centek Laboratories, LLC Terms and Conditions

Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website www.CentekLabs.com. Samples received after 3:00pm are considered to be a part of the next day's business.

Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any damages of equipment.

Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit application on file to extend credit. Purchase orders or checks information must be submitted

for us to release results

Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

Applicable Surcharges for Rush Turnaround Samples:

Same day TAT = 200%

Next business day TAT by Noon = 150%

Next business day TAT by 6:00pm = 100%

Second business day TAT by 6:00pm = 75%

Third business day TAT by 6:00pm = 50%

Fourth business day TAT by 6:00pm = 35%

Fifth business day = Standard

Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.



CEN TEK LABORATORIES, LLC

Date: 25-Nov-15

CLIENT: CEM
Project: Dale Rd
Lab Order: C1511045

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80
Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:

Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (± 2 ", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (± 1 ", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg, ± 1 ". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.





CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name CEM

Date and Time Receive

11/17/2015

Work Order Number C1511045

Received by JDS

Checklist completed by

Reviewed by

Signature

Date

Initials

Date

Matrix:

Carrier name: FedEx Ground

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☐

No ☐

Not Present ☒

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Present ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - pH acceptable upon receipt?

Yes ☐

No ☒

Adjusted?

Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action



CEN TEK LABORATORIES, LLC

Date: 25-Nov-15

CLIENT: CEM
Project: Dale Rd
Lab Order: C1511045

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C1511045-001A	11-14-15 Dale	243	11/14/2015	11/17/2015

Lab Order: C1511045

Client: CEM

Project: Dale Rd

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C1511045-001A	11-14-15 Dale	11/14/2015	Air	1ug/M3 by Method TO15			11/19/2015
				1ug/M3 by Method TO15			11/18/2015

Centek Laboratories, LLC

Date: 24-Nov-15

CLIENT: CEM
Lab Order: C1511045
Project: Dale Rd
Lab ID: C1511045-001A

Client Sample ID: 11-14-15 Dale
Tag Number: 243
Collection Date: 11/14/2015
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-2			"Hg		11/17/2015
Lab Vacuum Out	-30			"Hg		11/17/2015
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,2,4-Trimethylbenzene	0.20	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	11/18/2015 2:45:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Acetone	6.0	3.0		ppbV	10	11/19/2015 12:07:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Benzene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Bromoform	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Chloroform	0.98	0.15		ppbV	1	11/18/2015 2:45:00 PM
Chloromethane	0.44	0.15		ppbV	1	11/18/2015 2:45:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	11/18/2015 2:45:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 24-Nov-15

CLIENT: CEM
Lab Order: C1511045
Project: Dale Rd
Lab ID: C1511045-001A

Client Sample ID: 11-14-15 Dale
Tag Number: 243
Collection Date: 11/14/2015
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Ethylbenzene	0.29	0.15		ppbV	1	11/18/2015 2:45:00 PM
Freon 11	0.16	0.15		ppbV	1	11/18/2015 2:45:00 PM
Freon 113	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Freon 114	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Freon 12	0.53	0.15		ppbV	1	11/18/2015 2:45:00 PM
Heptane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Hexane	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
m&p-Xylene	0.43	0.30		ppbV	1	11/18/2015 2:45:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	11/18/2015 2:45:00 PM
Methyl Ethyl Ketone	0.29	0.30	J	ppbV	1	11/18/2015 2:45:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	11/18/2015 2:45:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Methylene chloride	0.10	0.15	J	ppbV	1	11/18/2015 2:45:00 PM
o-Xylene	0.20	0.15		ppbV	1	11/18/2015 2:45:00 PM
Propylene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Styrene	0.31	0.15		ppbV	1	11/18/2015 2:45:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Toluene	1.7	0.15		ppbV	1	11/18/2015 2:45:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	11/18/2015 2:45:00 PM
Vinyl chloride	0.45	0.15		ppbV	1	11/18/2015 2:45:00 PM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	11/18/2015 2:45:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 24-Nov-15

CLIENT: CEM
Lab Order: C1511045
Project: Dale Rd
Lab ID: C1511045-001A

Client Sample ID: 11-14-15 Dale
Tag Number: 243
Collection Date: 11/14/2015
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15			TO-15		Analyst: RJP	
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	11/18/2015 2:45:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	11/18/2015 2:45:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	11/18/2015 2:45:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	11/18/2015 2:45:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	11/18/2015 2:45:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	11/18/2015 2:45:00 PM
1,2,4-Trimethylbenzene	0.98	0.74		ug/m3	1	11/18/2015 2:45:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	11/18/2015 2:45:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	11/18/2015 2:45:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	11/18/2015 2:45:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	11/18/2015 2:45:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	11/18/2015 2:45:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	11/18/2015 2:45:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	11/18/2015 2:45:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	11/18/2015 2:45:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	11/18/2015 2:45:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	11/18/2015 2:45:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	11/18/2015 2:45:00 PM
Acetone	14	7.1		ug/m3	10	11/19/2015 12:07:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	11/18/2015 2:45:00 PM
Benzene	< 0.48	0.48		ug/m3	1	11/18/2015 2:45:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	11/18/2015 2:45:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	11/18/2015 2:45:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	11/18/2015 2:45:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	11/18/2015 2:45:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	11/18/2015 2:45:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	11/18/2015 2:45:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	11/18/2015 2:45:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	11/18/2015 2:45:00 PM
Chloroform	4.8	0.73		ug/m3	1	11/18/2015 2:45:00 PM
Chloromethane	0.91	0.31		ug/m3	1	11/18/2015 2:45:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	11/18/2015 2:45:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	11/18/2015 2:45:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	11/18/2015 2:45:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	11/18/2015 2:45:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	11/18/2015 2:45:00 PM
Ethylbenzene	1.3	0.65		ug/m3	1	11/18/2015 2:45:00 PM
Freon 11	0.90	0.84		ug/m3	1	11/18/2015 2:45:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	11/18/2015 2:45:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	11/18/2015 2:45:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 24-Nov-15

CLIENT: CEM
Lab Order: C1511045
Project: Dale Rd
Lab ID: C1511045-001A

Client Sample ID: 11-14-15 Dale
Tag Number: 243
Collection Date: 11/14/2015
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	11/18/2015 2:45:00 PM
Heptane	< 0.61	0.61		ug/m3	1	11/18/2015 2:45:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	11/18/2015 2:45:00 PM
Hexane	< 0.53	0.53		ug/m3	1	11/18/2015 2:45:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	11/18/2015 2:45:00 PM
m&p-Xylene	1.9	1.3		ug/m3	1	11/18/2015 2:45:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	11/18/2015 2:45:00 PM
Methyl Ethyl Ketone	0.86	0.88	J	ug/m3	1	11/18/2015 2:45:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	11/18/2015 2:45:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	11/18/2015 2:45:00 PM
Methylene chloride	0.35	0.52	J	ug/m3	1	11/18/2015 2:45:00 PM
o-Xylene	0.87	0.65		ug/m3	1	11/18/2015 2:45:00 PM
Propylene	< 0.26	0.26		ug/m3	1	11/18/2015 2:45:00 PM
Styrene	1.3	0.64		ug/m3	1	11/18/2015 2:45:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	11/18/2015 2:45:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	11/18/2015 2:45:00 PM
Toluene	6.6	0.57		ug/m3	1	11/18/2015 2:45:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	11/18/2015 2:45:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	11/18/2015 2:45:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	11/18/2015 2:45:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	11/18/2015 2:45:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	11/18/2015 2:45:00 PM
Vinyl chloride	1.2	0.38		ug/m3	1	11/18/2015 2:45:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		