



NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.

1476 ROUTE 50 - P.O. Box 2167 BALLSTON SPA, NY 12020
Phone: (518) 884-8545 - Fax: (518) 884-9710

February 25, 2019
Mr. John Strang
NYS Department of Environmental Conservation
1130 North Westcott Rd.
Schenectady, NY 12306-2014

RE: FAIRVIEW PLAZA - WASH RITE LAUNDRY (DEC SPILL #02-04750)

Dear John:

This status report; completed in response to the NYS Department of Environmental Conservation's (NYSDEC) e-mail directives of January 29, 2019 for Order on Consent R4-2007-0924-124, memorialize the current "*winter heating season*" soil vapor intrusion risk at the Fairview Plaza. A more complete accounting of the measures performed at the site are included for your consideration.

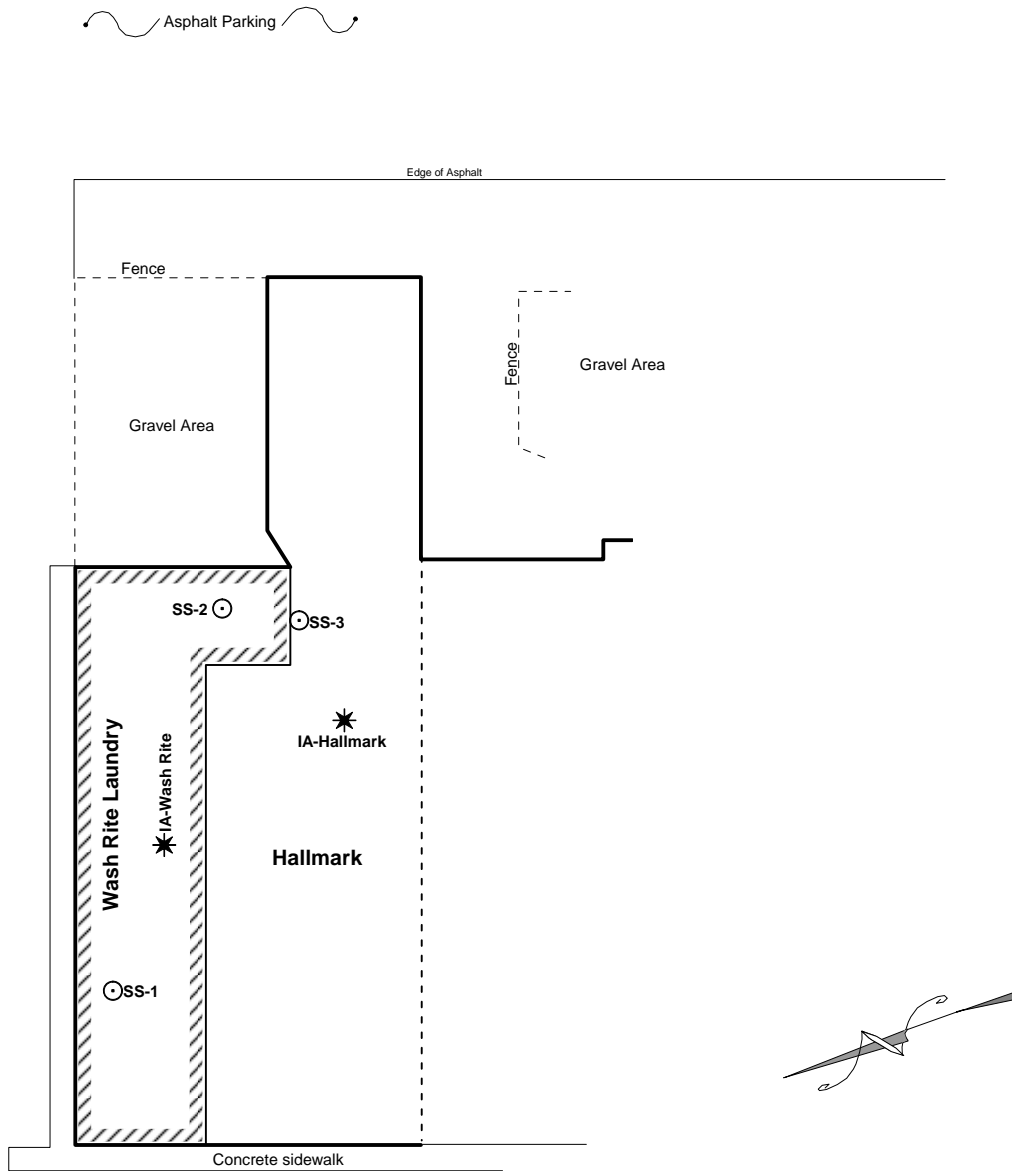
INDOOR AIR SAMPLING SERVICES

To facilitate the regulatory objectives for the 2018-2019 winter heating season sampling event, sub-slab (SS) vapor and indoor air (IA) vapor samples were collected from the Wash Rite and Hallmark tenant spaces on January 11, 2019. Sub-slab vapor samples were collected from both tenant spaces using the existing network of subs-slab vapor points* (see **Figure 1**).

Each sub-slab vapor sample was collected using a negatively pressurized 6L Summa® canister equipped with a time specific regulator. Each regulator was calibrated by Phoenix Environmental Laboratories, Inc. (PEL) for a desired 8 hour sampling interval. Each indoor and outdoor air sample was obtained from a 3 foot elevated platform via 6L Summa® canisters equipped with a 8 hour sample regulator.

All Summa® canisters were certified as clean by PEL. A sampling log was also maintained for the sampling event which documents sample IDs, date and time of the sample collection, sample height, the names of NETC staff, pertinent weather conditions, sampling methods and devices used, volume of air sampled, applicable pre and post sample vacuum and ambient air temperature data, and chain of custody information. All samples were shipped to PEL for chemical analysis. All samples were analyzed via EPA Method TO-15. All data sets are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) with minimum sample reporting limits as outlined in the New York State Department of Health, Center for Environmental Health, Bureau of Environmental Exposure Investigation's (NYSDOH CEH BEEI) SVI guidance document titled *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* dated October 2006 and updated May 2017. Concurrent with the air quality sampling event, a building inventory was conducted by a representative of NETC (see **Attachment A**).

*Note: Sub-Slab sample SS-1 yielded insufficient volume of soil vapor to perform a chemical analysis via EPA Method TO-15.



LEGEND

- SS-1
- ⊙ = Sub Slab Vapor sample location
- IA
- * = Indoor air sample location

NOTES:

Site features are based on a site plan prepared by Hershberg and Hershberg Map No. 000277 Dated 09/27/00.
 Monitoring well locations are based on field measurements.
 Concrete, fence and edge of asphalt are approximated.
 Interior portions of the building as well as the sub slab and indoor air sampling locations are approximated and for illustration purposes only.



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FIGURE 1: TO-15 Sampling Location Map

**PROJECT: 160 Fairview Avenue
 Town of Greenport, Hudson, New York**

Project # 02.05244

Scale: 1" = 40.0 ft.

Date: 1/11/2019

FINDINGS

The January 2019 SVI sampling event confirmed the presence of low concentration chlorinated and non chlorinated VOC compounds at each of the sampling locations. Chlorinated VOCs regulated under the NYSDOH CEH BEEI's SVI guidance document and identified during the sampling event were limited to Tetrachloroethene (PCE), Trichloroethene (TCE) and Carbon Tetrachloride. The laboratory results have confirmed sub-slab vapor and indoor air concentration ratios of PCE, TCE, and Carbon Tetrachloride in the tenant space area of concern to be within the NYSDOH CEH BEEI SVI guidance document "*No Further Action*" thresholds listed in Air Matrix tables A, B & C. A summary table of the TO-15 laboratory results, as well as a copy of the PEL report are included in **Attachment B** for consideration.

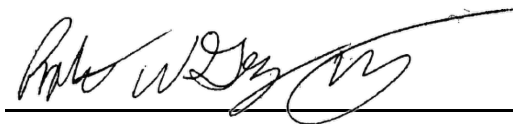
DISCUSSION

The 2018 - 2019 *winter heating season* sampling event confirm the corrective action work previously undertaken at the Fairview Plaza has been appropriate and that reductions in chlorinated VOC impacts that have been consistently documented since the discovery of the Wash Rite dry cleaning chemical release no longer pose a significant SVI risk that would warrant an active sub slab depressurization system building engineering control.

Given the Departments review of [SVI and groundwater] data for the 2008 - 2019 period that demonstrate the, localized, asymptotic nature of the low concentration residual dry cleaning chemical impacts that remain below parking surfaces, combined with the prior regulatory approvals which permitted a transition from active mitigation to monitoring; to pursue the programmatic next steps for a certificate of completion of Order on Consent R4-2007-0924-124, NETC requests the Departments approval to decommission the SSDS, remove the sub slab vapor implants from the Wash Rite and Hallmark tenant spaces and close the monitoring wells. The NETC staff and I remain available to assist the Department with this or related matters, as necessary.

Sincerely,
NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION

Prepared By



Rob Gray III, Project Geologist

Reviewed By



Jeffrey T. Wink, President

ATTACHMENT A

INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Matt Wink Date/Time Prepared 1/11/2019

Preparer's Affiliation NETC Phone No. 518-884-8545

Purpose of Investigation SVI Risk Assessment

1. OCCUPANT:

Interviewed: Y/N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y/N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

- | | | |
|--------------|-----------------|-------------------|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other: _____ |

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Landscaping / Retail

Does it include residences (i.e., multi-use)? Y/N If yes, how many? _____

Other characteristics:

Number of floors 1

Building age ~ 1970

Is the building insulated? Y/N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

N/A

Outdoor air infiltration

Front & Rear Doors

Infiltration into air ducts

N/A

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other none
- c. Basement floor: concrete dirt stone other N/A
- d. Basement floor: uncovered covered covered with N/A
- e. Concrete floor: unsealed sealed sealed with carpet & tile
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with paint
- h. The basement is: wet damp dry moldy NA
- i. The basement is: finished unfinished partially finished N/A
- j. Sump present? Y N
- k. Water in sump? Y/N/not applicable

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

WASHTIE - Floor drain

Hallmark - None visible

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- Hot air circulation Heat pump Hot water baseboard
- Space Heaters Stream radiation Radiant floor
- Electric baseboard Wood stove Outdoor wood boiler Other _____

The primary type of fuel used is:

- Natural Gas Fuel Oil Kerosene
- Electric Propane Solar
- Wood Coal

Domestic hot water tank fueled by: Natural gas WashTie

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Hallmark Open Windows None

Are there air distribution ducts present? Y/N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

None visible

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	<u>N/A</u>
1 st Floor	<u>Commercial Retail</u>
2 nd Floor	<u>N/A</u>
3 rd Floor	<u>N/A</u>
4 th Floor	<u>N/A</u>

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y N
- b. Does the garage have a separate heating unit? Y/N NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y/N/NA Please specify _____
- d. Has the building ever had a fire? Y/N When? _____
- e. Is a kerosene or unvented gas space heater present? Y/N Where? _____
- f. Is there a workshop or hobby/craft area? Y/N Where & Type? _____
- g. Is there smoking in the building? Y/N How frequently? _____
- h. Have cleaning products been used recently? Y/N When & Type? Detergents Daily
- i. Have cosmetic products been used recently? Y/N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____
- l. Have air fresheners been used recently? Y / N When & Type? Candies
- m. Is there a kitchen exhaust fan? Y / N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____
- o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / N
 If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
 (e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

- Yes, use dry-cleaning regularly (weekly) No
- Yes, use dry-cleaning infrequently (monthly or less) Unknown
- Yes, work at a dry-cleaning service *NO on-site DRY cleaning performed. Pick up & drop off location only.*

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
 Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

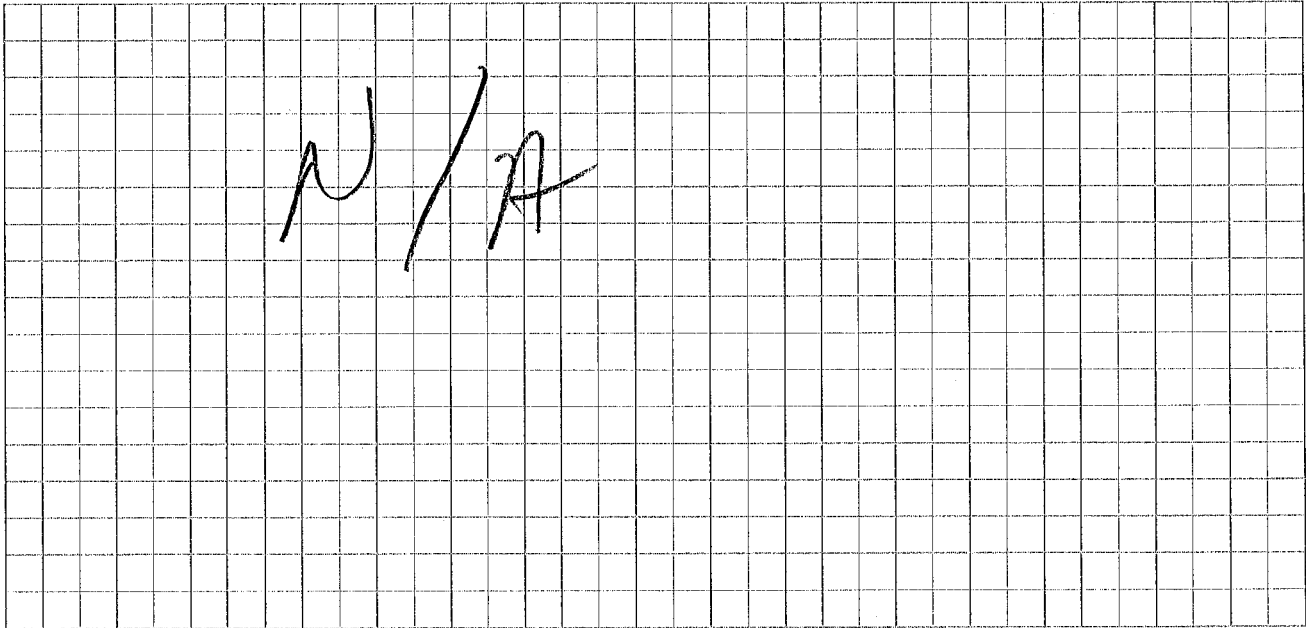
10. RELOCATION INFORMATION (for oil spill residential emergency)

- a. Provide reasons why relocation is recommended: _____
- b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel
- c. Responsibility for costs associated with reimbursement explained? Y / N
- d. Relocation package provided and explained to residents? Y / N

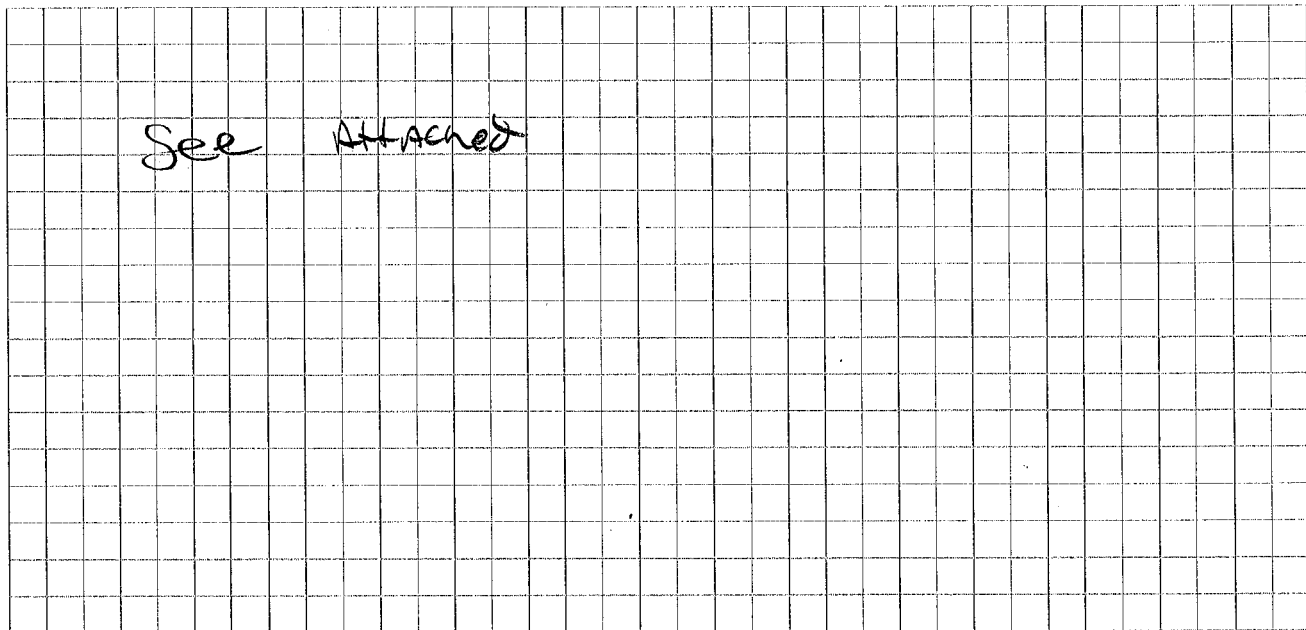
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

See Attached

ATTACHMENT B

JANUARY 2019 SVI RISK ASSESSMENT DATA

Soil Vapor / Indoor Air Matrix A

Trichloroethene (TCE), cis-1,2-Dichloroethene (c 1 2-DCE), 1,1-Dichloroethene (1 1-DCE) & Caron Tetrachloride

Fairview Plaza
160 Fairview Avenue, Greenport, New York
NYSDEC SPILL No. 02-04750

Sub-Slab Vapor Concentration of Compound (mcg/m ³)	Indoor Air Concentration of Compound (mcg/m ³)		
	< 0.2	0.2 to < 1.0	1.0 and above
< 6	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
6 to < 60	4. No Further Action	5. Monitor	6. Mitigate
60 and above	7. Mitigate	8. Mitigate	9. Mitigate

Sample Location	Compound	Indoor Air (mcg/m ³)	Sub-Slab Vapor (mcg/m ³)	Matix Action
Wash Rite	TCE	<0.20	2.62	1
Wash Rite	c 1 2 - DCE	<0.20	<0.20	1
Wash Rite	1 1 - DCE	<0.20	<0.20	1
Wash Rite	Carbon Tetrachloride	0.42	0.21	2
Hallmark	TCE	<0.20	0.73	1
Hallmark	c 1 2 - DCE	<0.20	<0.20	1
Hallmark	1 1 - DCE	<0.20	<0.20	1
Hallmark	Carbon Tetrachloride	0.41	0.37	2

Note: Carbon Tetrachloride is reported in the outdoor control sample at a concentration of 0.36 ug/m3.

Soil Vapor / Indoor Air Matrix B

Tetrachloroethene (PCE), 1,1,1-Trichloroethane (1 1 1 - TCA), Methylene Chloride

Fairview Plaza
160 Fairview Avenue, Greenport, New York
NYSDEC SPILL No. 02-04750

Sub-Slab Vapor Concentration of Compound (mcg/m ³)	Indoor Air Concentration of Compound (mcg/m ³)		
	< 3.0	3.0 to < 10.0	10.0 and above
< 100	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
100 to < 1,000	4. No Further Action	5. Monitor	6. Mitigate
1,000 and above	7. Mitigate	8. Mitigate	9. Mitigate

Sample Location	Compound	Indoor Air (mcg/m ³)	Sub-Slab Vapor (mcg/m ³)	Matix Action
Wash Rite	PCE	0.59	180	4
Wash Rite	1 1 1 - TCA	<1.00	<1.00	1
Wash Rite	Methylene Chloride	<3.00	<3.00	1
Hallmark	PCE	0.9	5.61	1
Hallmark	1 1 1 - TCA	<1.00	<1.00	1
Hallmark	Methylene Chloride	<3.00	<3.00	1

Soil Vapor / Indoor Air Matrix C

Vinyl Chloride

Fairview Plaza
 160 Fairview Avenue, Greenport, New York
 NYSDEC SPILL No. 02-04750

Sub-Slab Vapor Concentration of Compound (mcg/m ³)	Indoor Air Concentration of Compound (mcg/m ³)	
	< 0.2	0.2 and above
< 6	1. No Further Action	2. Identify Source(s) and Resample or Mitigate
6 to < 60	3. Monitor	4. Mitigate
60 and above	5. Mitigate	6. Mitigate

Sample Location	Indoor Air (mcg/m ³)	Sub-Slab Vapor (mcg/m ³)	Matix Action
Wash Rite	<0.20	<0.20	1
Hallmark	<0.20	<0.20	1



Tuesday, January 29, 2019

Attn: Jeff Wink
NETC
PO Box 2167
Ballston Spa, NY 12020

Project ID: FAIRVIEW PLAZA
SDG ID: GCC28627
Sample ID#s: CC28627 - CC28632

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis/Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



PROJECT NARRATIVE

Client: NETC

Project: FAIRVIEW PLAZA

Laboratory Project: GCC28627



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



Project Narrative

January 29, 2019

SDG I.D.: GCC28627

NETC FAIRVIEW PLAZA

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
HALLMARK SS	CC28627	AIR
OUTSIDE AIR	CC28628	AIR
WASHRITE IA	CC28629	AIR
WASHRITE SS #2	CC28630	AIR
WASHRITE SS #1	CC28631	AIR
HALLMARK IA	CC28632	AIR



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Project Narrative

January 29, 2019

SDG I.D.: GCC28627

NETC FAIRVIEW PLAZA

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CC28627	Volatiles (TO15)	01/11/19	01/15/19	01/15/19	KCA	Y
CC28628	Volatiles (TO15)	01/11/19	01/15/19	01/15/19	KCA	Y
CC28629	Volatiles (TO15)	01/11/19	01/15/19	01/15/19	KCA	Y
CC28630	Volatiles (TO15)	01/11/19	01/15/19	01/15/19	KCA	Y
CC28632	Volatiles (TO15)	01/11/19	01/15/19	01/15/19	KCA	Y



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Sample Id Cross Reference

January 29, 2019

SDG I.D.: GCC28627

Project ID: FAIRVIEW PLAZA

Client Id	Lab Id	Matrix
HALLMARK SS	CC28627	AIR
OUTSIDE AIR	CC28628	AIR
WASHRITE IA	CC28629	AIR
WASHRITE SS #2	CC28630	AIR
HALLMARK IA	CC28632	AIR



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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

January 29, 2019

SDG I.D.: GCC28627

Sample ID Wash Rite S.S #1, Phoenix Lab ID CC28631, was received under a high vacuum which indicated that no sample was collected.



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 29, 2019

FOR: Attn: Jeff Wink
 NETC
 PO Box 2167
 Ballston Spa, NY 12020

Sample Information

Matrix: AIR
 Location Code: NETC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 28578

Custody Information

Collected by: MW
 Received by: CP
 Analyzed by: see "By" below

Date

01/11/19 18:00
 01/14/19 17:00

Time

Project ID: FAIRVIEW PLAZA
 Client ID: HALLMARK SS

Laboratory Data

SDG ID: GCC28627
 Phoenix ID: CC28627

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/15/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/15/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	01/15/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	01/15/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	
4-Ethyltoluene	ND	0.204	ND	1.00	01/15/19	KCA	1	
4-Isopropyltoluene	ND	0.182	ND	1.00	01/15/19	KCA	1	
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	
Acetone	1.45	S 0.421	3.44	1.00	01/15/19	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	01/15/19	KCA	1	
Benzene	ND	0.313	ND	1.00	01/15/19	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	01/15/19	KCA	1	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	01/15/19	KCA	1
Bromoform	ND	0.097	ND	1.00	01/15/19	KCA	1
Bromomethane	ND	0.258	ND	1.00	01/15/19	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	01/15/19	KCA	1
Carbon Tetrachloride	0.059	0.032	0.37	0.20	01/15/19	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	01/15/19	KCA	1
Chloroethane	ND	0.379	ND	1.00	01/15/19	KCA	1
Chloroform	ND	0.205	ND	1.00	01/15/19	KCA	1
Chloromethane	ND	0.485	ND	1.00	01/15/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Cyclohexane	ND	0.291	ND	1.00	01/15/19	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	01/15/19	KCA	1
Dichlorodifluoromethane	0.357	0.202	1.76	1.00	01/15/19	KCA	1
Ethanol	0.667	0.531	1.26	1.00	01/15/19	KCA	1
Ethyl acetate	ND	0.278	ND	1.00	01/15/19	KCA	1
Ethylbenzene	ND	0.230	ND	1.00	01/15/19	KCA	1
Heptane	ND	0.244	ND	1.00	01/15/19	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	01/15/19	KCA	1
Hexane	ND	0.284	ND	1.00	01/15/19	KCA	1
Isopropylalcohol	ND	0.407	ND	1.00	01/15/19	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	01/15/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/15/19	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	01/15/19	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
o-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Propylene	ND	0.581	ND	1.00	01/15/19	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
Styrene	ND	0.235	ND	1.00	01/15/19	KCA	1
Tetrachloroethene	0.828	0.037	5.61	0.25	01/15/19	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	01/15/19	KCA	1
Toluene	ND	0.266	ND	1.00	01/15/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/15/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Trichloroethene	0.135	0.037	0.73	0.20	01/15/19	KCA	1
Trichlorofluoromethane	0.235	0.178	1.32	1.00	01/15/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	01/15/19	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	01/15/19	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	101	%	101	%	01/15/19	KCA	1
% IS-1,4-Difluorobenzene	129	%	129	%	01/15/19	KCA	1
% IS-Bromochloromethane	137	%	137	%	01/15/19	KCA	1
% IS-Chlorobenzene-d5	114	%	114	%	01/15/19	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

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Phyllis Shiller, Laboratory Director

January 29, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 29, 2019

FOR: Attn: Jeff Wink
 NETC
 PO Box 2167
 Ballston Spa, NY 12020

Sample Information

Matrix: AIR
 Location Code: NETC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 462

Custody Information

Collected by: MW
 Received by: CP
 Analyzed by: see "By" below

Date Time
 01/11/19 16:55
 01/14/19 17:00

Project ID: FAIRVIEW PLAZA
 Client ID: OUTSIDE AIR

Laboratory Data

SDG ID: GCC28627
 Phoenix ID: CC28628

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/15/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/15/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	01/15/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	01/15/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	
4-Ethyltoluene	ND	0.204	ND	1.00	01/15/19	KCA	1	
4-Isopropyltoluene	ND	0.182	ND	1.00	01/15/19	KCA	1	
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	
Acetone	0.754	S 0.421	1.79	1.00	01/15/19	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	01/15/19	KCA	1	
Benzene	ND	0.313	ND	1.00	01/15/19	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	01/15/19	KCA	1	

Client ID: OUTSIDE AIR

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	01/15/19	KCA	1
Bromoform	ND	0.097	ND	1.00	01/15/19	KCA	1
Bromomethane	ND	0.258	ND	1.00	01/15/19	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	01/15/19	KCA	1
Carbon Tetrachloride	0.057	0.032	0.36	0.20	01/15/19	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	01/15/19	KCA	1
Chloroethane	ND	0.379	ND	1.00	01/15/19	KCA	1
Chloroform	ND	0.205	ND	1.00	01/15/19	KCA	1
Chloromethane	0.501	0.485	1.03	1.00	01/15/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Cyclohexane	ND	0.291	ND	1.00	01/15/19	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	01/15/19	KCA	1
Dichlorodifluoromethane	0.438	0.202	2.16	1.00	01/15/19	KCA	1
Ethanol	0.815	0.531	1.53	1.00	01/15/19	KCA	1
Ethyl acetate	ND	0.278	ND	1.00	01/15/19	KCA	1
Ethylbenzene	ND	0.230	ND	1.00	01/15/19	KCA	1
Heptane	ND	0.244	ND	1.00	01/15/19	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	01/15/19	KCA	1
Hexane	ND	0.284	ND	1.00	01/15/19	KCA	1
Isopropylalcohol	ND	0.407	ND	1.00	01/15/19	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	01/15/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/15/19	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	01/15/19	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
o-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Propylene	ND	0.581	ND	1.00	01/15/19	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
Styrene	ND	0.235	ND	1.00	01/15/19	KCA	1
Tetrachloroethene	ND	0.037	ND	0.25	01/15/19	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	01/15/19	KCA	1
Toluene	ND	0.266	ND	1.00	01/15/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/15/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Trichloroethene	ND	0.037	ND	0.20	01/15/19	KCA	1
Trichlorofluoromethane	0.230	0.178	1.29	1.00	01/15/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	01/15/19	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	01/15/19	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	100	%	100	%	01/15/19	KCA	1
% IS-1,4-Difluorobenzene	121	%	121	%	01/15/19	KCA	1
% IS-Bromochloromethane	135	%	135	%	01/15/19	KCA	1
% IS-Chlorobenzene-d5	112	%	112	%	01/15/19	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

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Phyllis Shiller, Laboratory Director

January 29, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 29, 2019

FOR: Attn: Jeff Wink
 NETC
 PO Box 2167
 Ballston Spa, NY 12020

Sample Information

Matrix: AIR
 Location Code: NETC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21339

Custody Information

Collected by: MW
 Received by: CP
 Analyzed by: see "By" below

Date Time
 01/11/19 18:50
 01/14/19 17:00

Laboratory Data

SDG ID: GCC28627
 Phoenix ID: CC28629

Project ID: FAIRVIEW PLAZA
 Client ID: WASHRITE IA

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/15/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/15/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	01/15/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	01/15/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	1
4-Ethyltoluene	ND	0.204	ND	1.00	01/15/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	01/15/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	
Acetone	160	4.21	380	10.0	01/15/19	KCA	10	
Acrylonitrile	ND	0.461	ND	1.00	01/15/19	KCA	1	
Benzene	0.387	0.313	1.24	1.00	01/15/19	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	01/15/19	KCA	1	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	01/15/19	KCA	1
Bromoform	ND	0.097	ND	1.00	01/15/19	KCA	1
Bromomethane	ND	0.258	ND	1.00	01/15/19	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	01/15/19	KCA	1
Carbon Tetrachloride	0.067	0.032	0.42	0.20	01/15/19	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	01/15/19	KCA	1
Chloroethane	ND	0.379	ND	1.00	01/15/19	KCA	1
Chloroform	ND	0.205	ND	1.00	01/15/19	KCA	1
Chloromethane	0.914	0.485	1.89	1.00	01/15/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Cyclohexane	ND	0.291	ND	1.00	01/15/19	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	01/15/19	KCA	1
Dichlorodifluoromethane	0.459	0.202	2.27	1.00	01/15/19	KCA	1
Ethanol	63.8	5.31	120	10.0	01/15/19	KCA	10 1
Ethyl acetate	3.45	0.278	12.4	1.00	01/15/19	KCA	1 1
Ethylbenzene	ND	0.230	ND	1.00	01/15/19	KCA	1
Heptane	ND	0.244	ND	1.00	01/15/19	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	01/15/19	KCA	1
Hexane	ND	0.284	ND	1.00	01/15/19	KCA	1
Isopropylalcohol	17.0	0.407	41.8	1.00	01/15/19	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	01/15/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/15/19	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	01/15/19	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1 1
o-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Propylene	ND	0.581	ND	1.00	01/15/19	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1 1
Styrene	ND	0.235	ND	1.00	01/15/19	KCA	1
Tetrachloroethene	0.087	0.037	0.59	0.25	01/15/19	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	01/15/19	KCA	1 1
Toluene	0.671	0.266	2.53	1.00	01/15/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/15/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Trichloroethene	ND	0.037	ND	0.20	01/15/19	KCA	1
Trichlorofluoromethane	0.338	0.178	1.90	1.00	01/15/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	01/15/19	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	01/15/19	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	101	%	101	%	01/15/19	KCA	1
% IS-1,4-Difluorobenzene	106	%	106	%	01/15/19	KCA	1
% IS-Bromochloromethane	109	%	109	%	01/15/19	KCA	1
% IS-Chlorobenzene-d5	101	%	101	%	01/15/19	KCA	1
% Bromofluorobenzene (10x)	98	%	98	%	01/15/19	KCA	10
% IS-1,4-Difluorobenzene (10x)	125	%	125	%	01/15/19	KCA	10
% IS-Bromochloromethane (10x)	130	%	130	%	01/15/19	KCA	10
% IS-Chlorobenzene-d5 (10x)	114	%	114	%	01/15/19	KCA	10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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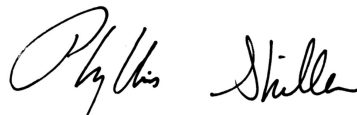
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director

January 29, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 29, 2019

FOR: Attn: Jeff Wink
 NETC
 PO Box 2167
 Ballston Spa, NY 12020

Sample Information

Matrix: AIR
 Location Code: NETC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 28573

Custody Information

Collected by: MW
 Received by: CP
 Analyzed by: see "By" below

Date

01/11/19
 01/14/19

Time

18:45
 17:00

Project ID: FAIRVIEW PLAZA
 Client ID: WASHRITE SS #2

Laboratory Data

SDG ID: GCC28627
 Phoenix ID: CC28630

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/15/19	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/15/19	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	01/15/19	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/15/19	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	01/15/19	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	01/15/19	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/15/19	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	01/15/19	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	01/15/19	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	01/15/19	KCA	1
Acetone	1.49	S 0.421	3.54	1.00	01/15/19	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	01/15/19	KCA	1
Benzene	ND	0.313	ND	1.00	01/15/19	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	01/15/19	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	01/15/19	KCA	1
Bromoform	ND	0.097	ND	1.00	01/15/19	KCA	1
Bromomethane	ND	0.258	ND	1.00	01/15/19	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	01/15/19	KCA	1
Carbon Tetrachloride	0.033	0.032	0.21	0.20	01/15/19	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	01/15/19	KCA	1
Chloroethane	ND	0.379	ND	1.00	01/15/19	KCA	1
Chloroform	0.573	0.205	2.80	1.00	01/15/19	KCA	1
Chloromethane	ND	0.485	ND	1.00	01/15/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Cyclohexane	ND	0.291	ND	1.00	01/15/19	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	01/15/19	KCA	1
Dichlorodifluoromethane	0.413	0.202	2.04	1.00	01/15/19	KCA	1
Ethanol	4.35	0.531	8.19	1.00	01/15/19	KCA	1
Ethyl acetate	ND	0.278	ND	1.00	01/15/19	KCA	1
Ethylbenzene	ND	0.230	ND	1.00	01/15/19	KCA	1
Heptane	ND	0.244	ND	1.00	01/15/19	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	01/15/19	KCA	1
Hexane	ND	0.284	ND	1.00	01/15/19	KCA	1
Isopropylalcohol	ND	0.407	ND	1.00	01/15/19	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	01/15/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/15/19	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	01/15/19	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
o-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Propylene	ND	0.581	ND	1.00	01/15/19	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
Styrene	ND	0.235	ND	1.00	01/15/19	KCA	1
Tetrachloroethene	26.5	0.037	180	0.25	01/15/19	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	01/15/19	KCA	1
Toluene	ND	0.266	ND	1.00	01/15/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/15/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Trichloroethene	0.487	0.037	2.62	0.20	01/15/19	KCA	1
Trichlorofluoromethane	0.389	0.178	2.18	1.00	01/15/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	01/15/19	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	01/15/19	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	106	%	106	%	01/15/19	KCA	1
% IS-1,4-Difluorobenzene	131	%	131	%	01/15/19	KCA	1
% IS-Bromochloromethane	136	%	136	%	01/15/19	KCA	1
% IS-Chlorobenzene-d5	104	%	104	%	01/15/19	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director

January 29, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 29, 2019

FOR: Attn: Jeff Wink
 NETC
 PO Box 2167
 Ballston Spa, NY 12020

Sample Information

Matrix: AIR
 Location Code: NETC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 28553

Custody Information

Collected by: MW
 Received by: CP
 Analyzed by: see "By" below

Date

01/11/19 18:00
 01/14/19 17:00

Time

Project ID: FAIRVIEW PLAZA
 Client ID: HALLMARK IA

Laboratory Data

SDG ID: GCC28627
 Phoenix ID: CC28632

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/15/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/15/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	01/15/19	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	01/15/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/15/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	01/15/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/15/19	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	01/15/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	1
4-Ethyltoluene	ND	0.204	ND	1.00	01/15/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	01/15/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	01/15/19	KCA	1	
Acetone	140	2.11	332	5.01	01/15/19	KCA	5	
Acrylonitrile	ND	0.461	ND	1.00	01/15/19	KCA	1	
Benzene	0.375	0.313	1.20	1.00	01/15/19	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	01/15/19	KCA	1	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	01/15/19	KCA	1
Bromoform	ND	0.097	ND	1.00	01/15/19	KCA	1
Bromomethane	ND	0.258	ND	1.00	01/15/19	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	01/15/19	KCA	1
Carbon Tetrachloride	0.065	0.032	0.41	0.20	01/15/19	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	01/15/19	KCA	1
Chloroethane	ND	0.379	ND	1.00	01/15/19	KCA	1
Chloroform	ND	0.205	ND	1.00	01/15/19	KCA	1
Chloromethane	0.674	0.485	1.39	1.00	01/15/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	01/15/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Cyclohexane	ND	0.291	ND	1.00	01/15/19	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	01/15/19	KCA	1
Dichlorodifluoromethane	0.467	0.202	2.31	1.00	01/15/19	KCA	1
Ethanol	21.4	0.531	40.3	1.00	01/15/19	KCA	1
Ethyl acetate	3.42	0.278	12.3	1.00	01/15/19	KCA	1
Ethylbenzene	ND	0.230	ND	1.00	01/15/19	KCA	1
Heptane	ND	0.244	ND	1.00	01/15/19	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	01/15/19	KCA	1
Hexane	ND	0.284	ND	1.00	01/15/19	KCA	1
Isopropylalcohol	18.4	0.407	45.2	1.00	01/15/19	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	01/15/19	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	01/15/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/15/19	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	01/15/19	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
o-Xylene	ND	0.230	ND	1.00	01/15/19	KCA	1
Propylene	ND	0.581	ND	1.00	01/15/19	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	01/15/19	KCA	1
Styrene	ND	0.235	ND	1.00	01/15/19	KCA	1
Tetrachloroethene	0.133	0.037	0.90	0.25	01/15/19	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	01/15/19	KCA	1
Toluene	0.587	0.266	2.21	1.00	01/15/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/15/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	01/15/19	KCA	1
Trichloroethene	ND	0.037	ND	0.20	01/15/19	KCA	1
Trichlorofluoromethane	0.349	0.178	1.96	1.00	01/15/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	01/15/19	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	01/15/19	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	98	%	98	%	01/15/19	KCA	1
% IS-1,4-Difluorobenzene	118	%	118	%	01/15/19	KCA	1
% IS-Bromochloromethane	109	%	109	%	01/15/19	KCA	1
% IS-Chlorobenzene-d5	109	%	109	%	01/15/19	KCA	1
% Bromofluorobenzene (5x)	96	%	96	%	01/15/19	KCA	5
% IS-1,4-Difluorobenzene (5x)	117	%	117	%	01/15/19	KCA	5
% IS-Bromochloromethane (5x)	122	%	122	%	01/15/19	KCA	5
% IS-Chlorobenzene-d5 (5x)	109	%	109	%	01/15/19	KCA	5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director

January 29, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
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 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

January 29, 2019

QA/QC Data

SDG I.D.: GCC28627

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 463508 (ppbv), QC Sample No: CC28630 (CC28627, CC28629 (10X) , CC28630)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	85	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	88	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	90	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	127	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	84	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	83	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	92	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	83	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	88	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	85	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	81	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	90	3.54 S	3.54 S	1.49 S	1.49 S	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	89	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	90	0.21	0.31	0.033	0.049	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	93	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	96	2.80	2.75	0.573	0.564	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	97	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	93	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	100	2.04	2.04	0.413	0.413	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	115	8.19	8.00	4.35	4.25	2.3	70 - 130	25

QA/QC Data

SDG I.D.: GCC28627

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.280	ND	1.01	85	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	90	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	89	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	96	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	82	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	79	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	90	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	93	180	190	26.5	28.1	5.9	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	96	2.62	2.51	0.487	0.468	4.0	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	87	2.18	1.98	0.389	0.352	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	89	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	89	%	89	%	99	106	100	106	100	NC	70 - 130	25
% IS-1,4-Difluorobenzene	136	%	136	%	111	131	125	131	125	NC	40 - 160	25
% IS-Bromochloromethane	141	%	141	%	107	136	131	136	131	NC	40 - 160	25
% IS-Chlorobenzene-d5	126	%	126	%	110	104	106	104	106	NC	40 - 160	25

QA/QC Batch 463366 (ppbv), QC Sample No: CC28633 (CC28628, CC28629, CC28632 (1X, 5X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	91	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	86	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	94	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	92	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	134	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	89	69.3	66.3	14.1	13.5	4.3	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	92	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	89	30.2	30.0	6.14	6.10	0.7	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	92	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	89	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	92	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	87	85.5	86.5	17.4	17.6	1.1	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCC28627

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	94	6.84 S	8.29 S	2.88 S	3.49 S	19.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	93	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	92	0.36	0.38	0.058	0.061	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	91	1.30	1.49	0.632	0.721	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	93	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	105	2.93	3.14	0.593	0.635	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	119	55.7	60.6	29.6	32.2	8.4	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	90	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	96	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	94	4.84	5.21	1.97	2.12	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	87	6.09	6.34	1.24	1.29	4.0	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	95	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	91	2.18	ND	0.397	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	94	1.45	1.48	0.334	0.342	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	86	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	92	0.75	0.85	0.111	0.125	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	97	388	386	72.2	71.9	0.4	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	85	1.96	1.77	0.349	0.316	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	92	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	97	%	97	%	95	90	89	90	89	NC	70 - 130	25
% IS-1,4-Difluorobenzene	126	%	126	%	107	88	90	88	90	NC	40 - 160	25
% IS-Bromochloromethane	135	%	135	%	101	123	130	123	130	NC	40 - 160	25
% IS-Chlorobenzene-d5	115	%	115	%	102	116	117	116	117	NC	40 - 160	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

QA/QC Data

SDG I.D.: GCC28627

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
January 29, 2019

Tuesday, January 29, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCC28627 - NETC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Project Narrative

January 29, 2019

SDG I.D.: GCC28627

AIRSIM

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

CHEM24 01/14/19-1

Keith Aloisa, Chemist 01/14/19

CC28628, CC28629, CC28632

Initial Calibration Evaluation (CHEM24/24AIR_1220):

100% of target compounds met criteria.

The following compounds had %RSDs >30%: None.

The following compounds did not meet recommended response factors: 1,4-Difluorobenzene 0 (0.01), Bromochloromethane 0 (0.01), Chlorobenzene-d5 0 (0.01)

The following compounds did not meet a minimum response factors: 1,4-Difluorobenzene 0 (0.01), Bromochloromethane 0 (0.01), Chlorobenzene-d5 0 (0.01)

Continuing Calibration Verification #1 (CHEM24/0114_02-24AIR_1220):

100% of target compounds met criteria.

The following compounds did not meet % deviation criteria: None.

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet minimum response factors: None.

CHEM24 01/15/19-1

Keith Aloisa, Chemist 01/15/19

CC28627, CC28629, CC28630

Initial Calibration Evaluation (CHEM24/24AIR_1220):

100% of target compounds met criteria.

The following compounds had %RSDs >30%: None.

The following compounds did not meet recommended response factors: 1,4-Difluorobenzene 0 (0.01), Bromochloromethane 0 (0.01), Chlorobenzene-d5 0 (0.01)

The following compounds did not meet a minimum response factors: 1,4-Difluorobenzene 0 (0.01), Bromochloromethane 0 (0.01), Chlorobenzene-d5 0 (0.01)

Continuing Calibration Verification #1 (CHEM24/0115_01-24AIR_1220):

100% of target compounds met criteria.

The following compounds did not meet % deviation criteria: None.

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 463366 (CC28633)

CC28628, CC28629, CC28632

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene(134%)

Batch 463508 (CC28630)

CC28627, CC28629, CC28630

All LCS recoveries were within 70 - 130 with the following exceptions: None.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page (of)

Data Delivery:

Fax #:

Email: Robnetc@NYcap.11.com

Phone #:

Report to: <u>Jeff Wink</u>	Invoice to: <u>Jeff Wink</u>	Project Name: <u>Fairview Plaza</u>	Ambient/Indoor Air Soil Gas Grab (G) Composite (C) TO-14 TO-15
Customer: <u>NETC</u>		Requested Deliverable: RCP <input type="checkbox"/> ASP CAT B <input type="checkbox"/>	
Address: <u>1476 Route 50</u>		MCP <input type="checkbox"/> NJ Deliverables <input type="checkbox"/>	
<u>Ballston Spa NY 12020</u>	Sampled by: <u>M. Wink</u>	State where samples collected: _____	

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (ml/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Matrix		Analyses		
													TO-14	TO-15	TO-14	TO-15	
THIS SECTION FOR LAB USE ONLY																	
<u>28627</u>	<u>Hallmark S.S</u>	<u>28578</u>	<u>6.0</u>	<u>-30</u>	<u>-8</u>	<u>7019</u>	<u>10.8</u>	<u>10:30am</u>	<u>6:00pm</u>	<u>1/11/19</u>	<u>30</u>	<u>6</u>					
<u>28628</u>	<u>Outside Air</u>	<u>462</u>			<u>0</u>	<u>2871</u>		<u>10:55</u>	<u>6:55pm</u>	<u>1/11</u>	<u>30</u>	<u>6</u>					
<u>28629</u>	<u>WashRite I.A</u>	<u>21339</u>			<u>-15</u>	<u>1315</u>		<u>10:50</u>	<u>6:50pm</u>	<u>1/11/19</u>	<u>30*</u>	<u>17</u>					
<u>28630</u>	<u>WashRite S.S #2</u>	<u>28573</u>			<u>-3</u>	<u>0161</u>		<u>10:15am</u>	<u>6:45pm</u>	<u>1/11/19</u>	<u>30</u>	<u>4</u>					
<u>28631</u>	<u>WashRite S.S #1</u>	<u>21341</u>			<u>-26</u>	<u>2934</u>		<u>10:45am</u>	<u>6:45pm</u>	<u>1/11/19</u>	<u>30*</u>	<u>24</u>					
<u>28632</u>	<u>Hallmark I.A</u>	<u>28553</u>			<u>4</u>	<u>0165</u>		<u>10:20am</u>	<u>6:00pm</u>	<u>1/11/19</u>	<u>31</u>	<u>6</u>					

Relinquished by:	Accepted by:	Date: <u>1/14/19</u>	Time: <u>1:30</u>	Data Format: <input type="checkbox"/> Excel <input checked="" type="checkbox"/> Equis <input type="checkbox"/> Other <input type="checkbox"/>
Turnaround Time: <u>3W</u>				

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION: (6)(6.0)(S+R) Matt 1/14/19 17:00

Requested Criteria: 1/14/19 17:00

24 Hour 48 Hour 72 Hour Standard

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Quote Number: _____ Signature: _____ Date: _____

Greg Lawrence

From: Rob Gray <robnetc@nycap.rr.com>
Sent: Wednesday, January 16, 2019 9:07 AM
To: Greg Lawrence
Subject: Re: Fairview Plaza

I am still waiting for a response from the DOH....let's keep the samples on hold for now and I will let you know as soon as I get feed back from them.

Sent via the Samsung Galaxy S9, an AT&T 4G LTE smartphone

----- Original message -----

From: Greg Lawrence <greg@phoenixlabs.com>
Date: 1/16/19 8:26 AM (GMT-05:00)
To: robnetc@nycap.rr.com
Subject: Fairview Plaza

Good Morning,

Any word on us analyzing the air samples?

Gregory Lawrence

Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

Greg Lawrence

From: Rob Gray <robnetc@nycap.rr.com>
Sent: Tuesday, January 29, 2019 11:59 AM
To: Greg Lawrence
Cc: Jeff Wink
Subject: Re: Air Samples

Hi Greg,

The department just gave me written approval to run the air samples we have on hold. As discussed please include a narrative for the sample that didn't yield enough volume to analyze due to regulator malfunction, calibration error or something of the kind.

Thank you

Sent via the Samsung Galaxy S9, an AT&T 4G LTE smartphone

----- Original message -----

From: Greg Lawrence <greg@phoenixlabs.com>
Date: 1/29/19 9:26 AM (GMT-05:00)
To: Rob Gray <robnetc@nycap.rr.com>
Subject: Air Samples

Good Morning,

I am checking in on the air samples for Fairview Plaza.

Gregory Lawrence

Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102