INTERIM SITE MANAGEMENT PLAN – INDOOR AIR MONITORING REPORT FORMER EAST 11th STREET WORKS SITE – OU-4 MANHATTAN, NEW YORK SITE ID NO. 231110



CONSOLIDATED EDISON CO. OF NEW YORK, INC. 31-01 20th Avenue Long Island City, NY 11105

Prepared by:

Arcadis of New York, Inc. 110 West Fayette Street, Suite 300 Syracuse, New York 13202

January 2021

INDOOR AIR MONITORING REPORT

Former East 11th Street Works Site - OU-4, Manhattan, NY

Prepared for:

Consolidated Edison Company of New York, Inc.

Prepared by:

Arcadis of New York, Inc.

One Lincoln Plaza

100 West Fayette Street

Suite 300

Syracuse

New York 13202

Tel 315 446 9120

Fax 315 449 0017

Our Ref.:

30005331

Date:

January 2021

This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.

Drfm Carley

Dylan Corbett

Environmental Scientist

Allina Redograge

Albina Redzepagic Environmental Engineer

Michael C. Jones

Certified Project Manager 3

m/(/_

CONTENTS

Acr	onyms and Abbreviations	. ii
Exe	ecutive Summary	iii
	Indoor Air Monitoring	
	Results and conclusions	
	Work Plan Deviations	

TABLES

Table 1 Indoor and Ambient Air Analytical Results – Former East 11th Street Works OU-4

FIGURES

Figure 1 Site Plan with Air Monitoring Locations

APPENDICES

- A NYSDOH Indoor Air Quality Questionnaires and Building Inventory Forms
- B Photographic Logs Building Inventories and Sampling Locations
- C Sample Collection Logs
- D Data Usability Summary Reports (DUSRs)

ACRONYMS AND ABBREVIATIONS

Arcadis Arcadis of New York, Inc.

ASP Analytical Services Protocol

Con Edison Consolidated Edison Company of New York, Inc.

DUSR Data Usability Summary Report

HASP Health and Safety Plan

ISMP Interim Site Management Plan for Indoor Air Monitoring

MGP Manufactured Gas Plant

NYCHA New York City Public Housing Authority

NYSDEC New York State Department of Environmental Conservation

NYSDOH New York State Department of Health

ppbRAE portable organic vapor monitor

USEPA United States Environmental Protection Agency

VOC volatile organic compound

EXECUTIVE SUMMARY

This report presents a summary of the results for ambient and indoor air monitoring conducted during November 2020 by Arcadis of New York, Inc. (Arcadis) at Operable Unit #4 (Haven Plaza) of the Consolidated Edison Company of New York, Inc. (Con Edison) former East 11th Street Works site. Indoor air monitoring was conducted in accordance with the procedures and protocols presented in the New York State Department of Environmental Conservation- (NYSDEC-) approved *Interim Site Management Plan for Indoor Air Monitoring* (Arcadis 2009) (ISMP). The ISMP is a component of a monitoring plan in place to ensure that potential exposure to manufactured gas plan (MGP) related contaminants by the public and the environment is monitored and controlled until a final remedy for the Former East 11th Street Works Site (the site) is implemented.

A summary of the activities performed in connection with the ambient and indoor air monitoring is included below. Tabulated laboratory results from the indoor air monitoring, a figure showing the sampling locations, photographic logs, sampling forms, and a Data Usability Summary Report (DUSR) for the sampling results are included as attachments. No MGP indicator compounds were identified in the ambient or indoor air samples collected for the November 2020 Haven Plaza ISMP monitoring event. Deviations from the indoor air sampling scope of work presented in the ISMP are noted below.

1 INDOOR AIR MONITORING

Prior to initiating field work, the site Health and Safety Plan (HASP) was reviewed and updated to ensure that task specific monitoring activities were consistent with Con Edison's Corporate Health and Safety Procedure A32.00 (Rules We Live By) and the most current guidance documents. A copy of the HASP was maintained on site during all work activities; all site personnel were required to review the HASP and sign an acknowledgement form stating that they understood the contents of the HASP and agreed to abide by its requirements. Tailgate meetings were conducted each morning to discuss the day's activities, critical work procedures, and safety requirements.

The dates and location of the annual indoor air sampling event is summarized as follows.

Location	Sample Collection Dates
Three Haven Plaza 726 East 13 th Street	November 18 through 19, 2020

Pre-monitoring walk through visual inspections and chemical inventories were conducted concurrent with indoor air monitoring activities at each sampling location. The objectives of the walk-through inspections and chemical inventories were to visually identify conditions that may affect or interfere with the indoor air monitoring, document the physical condition of the indoor air monitoring areas, and to confirm the sampling locations. Conditions identified during the visual inspections were generally consistent with conditions identified by Arcadis during visual inspections conducted for ISMP sampling completed during 2010 and 2011.

During the walk-through inspections, floor construction details for the building were documented and New York State Department of Health (NYSDOH) Indoor Air Quality Questionnaires and Building Inventory Forms were completed (**Appendix A**). Photographs which document general background conditions and the chemical products (that potentially contain volatile chemicals) that were present in the sampling areas during the walkthrough inspections are provided in **Appendix B**.

The locations selected for indoor monitoring are presented on **Figure 1** and are consistent with those shown in the ISMP. The selected locations are the same as the locations sampled during the 2010 and 2011 ISMP monitoring events.

As identified in the photographic logs, small quantities of containers containing paints, solvents, cleaning supplies, and/or maintenance-related chemical products were present in the building during the walk-through inspections. These conditions are also similar to the conditions identified during the walk-through inspections associated with the previous sampling events. Removal of these potential interferences prior to collection of indoor air samples was not feasible. A portable organic vapor monitor (ppbRAE) was used to measure volatile organic compounds (VOCs) liberated from these contemporary chemicals. No VOC concentrations were detected during the ppbRAE monitoring.

Air samples for laboratory testing were collected using batch-certified clean, 6-liter SUMMA canisters equipped with laboratory pre-set flow regulators for 24-hour sample collection. Indoor air samples were collected from within the ground level of the Three Haven Plaza building within the breathing zone (approximately 3 to 4 feet above the floor). The date, times (start and end times), sample identification, and other required information were recorded on sample collection logs as described in the ISMP. The sample collection logs are included as **Appendix C**. Outdoor, ambient air monitoring was conducted from an upwind location on the day the indoor air sampling was initiated (November 18, 2020). Ambient air sampling locations are also presented on **Figure 1**.

Air samples were sent to TestAmerica Laboratories located in Knoxville, Tennessee via overnight courier for analysis of the project compound list analytes by United States Environmental Protection Agency (USEPA) Method TO-15. The project compound list included standard TO-15 VOCs, along with additional analyses for n-alkanes, branched alkanes, and other "indicator" compounds (the branched alkanes and other "indicator" compounds were reported as tentatively identified compounds). The laboratory provided NYSDEC Analytical Services Protocol (ASP) Category B-equivalent data packages for quality review. Laboratory data packages and associated quality control information were reviewed by qualified Arcadis personnel to verify they met the project-specific criteria for data quality. DUSRs were prepared that present the results from the data review for each sample data group; DUSRs are included as **Appendix D**. The DUSRs indicate that the laboratory results for each site met the data quality objectives and the data were considered usable.

The laboratory results for the East 11th Street OU-1 site are summarized in **Table 1**. Consistent with ISMP requirements, for comparison purposes, the indoor air results are compared to the NYSDOH's *FINAL Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 with 2017 amendment)*, Upper Fence (F) Criterion for indoor air background data for fuel oil heated homes and the USEPA's 2001 *Building Assessment Survey and Evaluation (BASE) Study* guidance values for the 90th percentile background air levels to provide typical concentrations of VOCs in indoor air. These studies have been conducted, both nationally and in the State of New York, to provide information on indoor and outdoor air background levels in a variety of settings (e.g., residential or commercial buildings). Per NYSDOH guidance, the Upper F values from the NYSDOH Fuel Oil Study data may be used as initial benchmarks when evaluating residential indoor air, and the 90th percentile values from the EPA BASE data for indoor air in office and commercial buildings.

2 RESULTS AND CONCLUSIONS

Three indoor air samples were collected for laboratory analysis. One indoor air sample was collected from a room containing a waste disposal dumpster (compactor room), one sample from a meeting room, and one sample from a storage room. In addition, one ambient air sample and one duplicate sample for quality control purposes (DUP-111820) were collected for laboratory analysis. The sample collection logs are included in **Appendix C.** Photographs documenting the sample locations and equipment set-up are included in **Appendix B**. The laboratory results are presented in **Table 1**.

As indicated in **Table 1**, a total of 51 VOC analytes included in the TO-15 analyses (including analytes qualified as estimated because their value was less than the minimum calibration level but greater than the estimated detection limit) were detected in the 3 indoor air samples collected at the site. A summary of the detected analytes include:

- Of the 51 TO-15 VOCs detected in indoor air, 33 were also detected in ambient (i.e., outdoor) air.
 When compared to the concentrations detected in the ambient air samples, 44 of the 51 TO-15 VOCs were detected in indoor samples at concentrations that exceeded the outdoor concentrations.
- Four (4) of the TO-15 VOC analytes were detected in the indoor air samples at concentrations exceeding the NYSDOH Upper F criterion: chloroform (2 locations), trichloroethene (1 location), ndecane (1 location), and nonane (1 location). Three (3) TO-15 VOC analytes were also detected in the indoor air samples at concentrations exceeding the EPA BASE 90th percentile criterion: chloroform (2 locations), methylene chloride (1 location), and nonane (1 location).
- Commonly identified "fuel oil or petroleum products indicators" (e.g., n-butane, pentane, n-heptane, isooctane, isopentane and 2-methylpentane) that were included in the n-alkanes and branched alkanes analyte lists were identified in each of the ambient air and indoor air samples. Each of these "indicator" analytes was detected in one or more indoor air samples at concentrations higher than detected in the ambient air sample.
- Indene and thiopene were not detected in any of the samples collected; these compounds are commonly used as "Manufactured Gas Plant (MGP) indicators".
- Chloroform was detected in two indoor air samples at concentrations above both the NYSDOH Upper
 F and USEPA BASE 90th percentile values. Chloroform is a man-made by-product used in industrial
 processes and as a solvent for lacquers, floor polishes, resins, and adhesives, and; therefore, not
 related to MGP operations.

Based on the types of analytes detected, as well as the solvents, cleaning supplies, petroleum, oils, and maintenance-related chemical products stored within the building, and coupled with the absence of MGP indicator compounds, the data suggests that MGP-related impacts do not exist in the building areas that were monitored for the Haven Plaza ISMP sampling event.

3 WORK PLAN DEVIATIONS

The following deviations from the scope of work presented in the ISMP occurred during the field activities:

- The New York City Housing Authority- (NYCHA-) owned Jacob Riis Public Housing apartment buildings
 were not sampled for this event. MGP indicators were not identified during six previous indoor air
 sampling events conducted between 2003 and 2020. Con Edison's request to suspend future ISMP
 monitoring for the Jacob Riis Public Housing buildings was approved in a November 3, 2020 e-mail
 from NYSDEC to Con Edison.
- The Saint Emeric's (including the Escuela Hispania Montessori Head Start School and the Church of Saint Emeric's) was not inspected and sampled at this time.

No additional deviations from the scope of work presented in the ISMP were noted.

TABLES

Table 1 Indoor and Ambient Air Sampling Results Former East 11th Street Works OU-4

Location ID:	NYSDOH Fuel Oil Heat - Indoor Air Upper Fence	USEPA BASE Guidance Values 90th Percentile		AA - 111820	HPL - COMPACTOR RM	HPL - MEETING RM	HPL - STORAGE
Date Collected:			Units	11/19/20	11/19/20	11/19/20	11/19/20
Volatile Organic Compounds							
1,1,1-Trichloroethane	2.5	20.6	ug/m3	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U
1,1,2,2-Tetrachloroethane	0.38		ug/m3	0.55 U	0.55 U	0.55 U [0.55 U]	0.55 U
1,1,2-Trichloroethane	0.38	1.5	ug/m3	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U
1,1,2-Trichlorotrifluoroethane	2.5		ug/m3	0.63	0.62	0.64 [0.59 J]	0.59 J
1,1-Dichloroethane	0.38	0.7	ug/m3	0.32 U	0.32 U	0.32 U [0.32 U]	0.32 U
1,1-Dichloroethene	0.4	1.4	ug/m3	0.16 U	0.16 U	0.16 U [0.16 U]	0.16 U
1,2,4-Trichlorobenzene	0.47	6.8	ug/m3	0.59 U	0.59 U	0.59 U [0.59 U]	0.59 U
1,2,4-Trimethylbenzene	9.8	9.5	ug/m3	0.20 J	0.38 J	0.27 J [0.38 J]	2.6
1,2-Dibromoethane	0.38	1.5	ug/m3	0.61 U	0.61 U	0.61 U [0.61 U]	0.61 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.42		ug/m3	0.56 U	0.56 U	0.56 U [0.56 U]	0.56 U
1,2-Dichlorobenzene	0.48	1.2	ug/m3	0.48 U	0.48 U	0.48 U [0.48 U]	0.48 U
1,2-Dichloroethane	0.37	0.9	ug/m3	0.082 J	0.11 J	0.084 J [0.087 J]	0.11 J
1,2-Dichloropropane	0.39	1.6	ug/m3	0.37 U	0.37 U	0.052 J [0.37 U]	0.37 U
1,3,5-Trimethylbenzene	3.9	3.7	ug/m3	0.11 J	0.18 J	0.11 J [0.18 J]	0.81
1,3-Butadiene			ug/m3	0.35 U	0.35 U	0.35 U [0.35 U]	0.35 U
1,3-Dichlorobenzene	0.46	2.4	ug/m3	0.48 U	0.48 U	0.48 U [0.48 U]	0.48 U
1,4-Dichlorobenzene	1.2	5.5	ug/m3	0.48 U	0.84	0.16 J [0.22 J]	0.26 J
1,4-Dioxane			ug/m3	0.72 U	0.72 U	0.72 U [0.72 U]	0.72 U
2-Butanone	16		ug/m3	0.47 J	0.68 J	1.1 [0.64 J]	2.2
2-Hexanone			ug/m3	0.82 U	0.82 U	0.82 U [0.82 U]	0.13 J
2-methylpentane			ug/m3	0.46	0.89	0.77 [1.0]	6.0
4-Ethyltoluene			ug/m3	0.79 U	0.16 J	0.13 J [0.16 J]	0.84
4-Methyl-2-Pentanone	1.9		ug/m3	0.82 U	0.82 U	0.82 U [0.82 U]	0.82 U
Acetone	115		ug/m3	4.3 J	11	8.6 J[8.7]	20 J
Benzene	13	9.4	ug/m3	0.69	0.69	0.96 [1.0]	2.0
Benzyl chloride			ug/m3	0.83 U	0.83 U	0.83 U [0.83 U]	0.83 U
Bromodichloromethane			ug/m3	0.54 U	0.54 U	0.75 [0.75]	0.54 U
Bromoform			ug/m3	0.83 U	0.83 U	0.83 U [0.83 U]	0.83 U
Bromomethane	0.48	1.7	ug/m3	0.092 J	0.31 U	0.090 J [0.31 U]	0.31 U
Carbon Disulfide		4.2	ug/m3	0.62 U	0.052 J	2.5 J[0.086 J]	0.066 J
Carbon Tetrachloride	1.3	1.3	ug/m3	0.46	0.53	0.57 [0.54]	0.54
Chlorobenzene	0.41	0.9	ug/m3	0.37 U	0.028 J	0.030 J [0.37 U]	0.028 J
Chloroethane	0.39	1.1	ug/m3	0.21 U	0.020 J	0.21 U [0.21 U]	0.21 U
Chloroform	1.2	1.1	ug/m3	0.16 J	0.64	6.7 [6.8]	2.4
Chloromethane	4.2	3.7	ug/m3	1.5	1.5	1.4 [1.4]	1.3 J
cis-1,2-Dichloroethene	0.41	1.9	ug/m3	0.16 U	0.16 U	0.16 U [0.16 U]	0.052 J

Table 1 Indoor and Ambient Air Sampling Results Former East 11th Street Works OU-4

Location ID:		USEPA BASE Guidance Values		AA - 111820	HPL - COMPACTOR RM	HPL - MEETING RM	HPL - STORAGE
Date Collected:	Upper Fence	90th Percentile	Units	11/19/20	11/19/20	11/19/20	11/19/20
cis-1,3-Dichloropropene	0.38	2.3	ug/m3	0.36 U	0.36 U	0.36 U [0.36 U]	0.36 U
Cyclohexane	6.3		ug/m3	0.19 J	0.37 J	0.32 J [0.33 J]	1.5
Dibromochloromethane			ug/m3	0.68 U	0.68 U	0.16 J [0.16 J]	0.68 U
Dichlorodifluoromethane	10	16.5	ug/m3	1.3 J	1.1 J	1.2 J[1.2 J]	1.0 J
Ethylbenzene	6.4	5.7	ug/m3	0.16 J	0.30 J	0.34 J [0.36]	1.7
Hexachlorobutadiene	0.49	6.8	ug/m3	0.85 U	0.85 U	0.85 U [0.85 U]	0.85 U
Isopropanol			ug/m3	3.2	42	8.7 [8.6]	38
Methyl tert-butyl Ether	14	11.5	ug/m3	0.58 U	0.58 U	0.58 U [0.58 U]	0.58 U
Methylene Chloride	16	10	ug/m3	1.4 U	5.5	1.8 J[14 J]	5.4
m-Xylene & p-Xylene	11	22.2	ug/m3	0.47	0.97	1.1 [1.1]	5.5
o-Xylene	7.1	7.9	ug/m3	0.20 J	0.38	0.40 [0.43]	2.0
Naphthalene		5.1	ug/m3	1.0 U	1.0 U	1.0 U [1.0 U]	1.0 U
Propylene			ug/m3	1.7 U	1.7 U	1.7 U [1.7 U]	2.7 J
Styrene	1.4	1.9	ug/m3	0.34 U	0.10 J	0.34 U [0.22 J]	0.60
Tetrachloroethene	2.5	15.9	ug/m3	0.12 J	0.18 J	0.16 J [0.18 J]	0.38 J
Tetrahydrofuran	0.78		ug/m3	1.2 U	1.2 U	0.066 J [0.055 J]	0.10 J
Toluene	57	43	ug/m3	0.92	1.6	1.9 [2.5]	5.1
trans-1,2-Dichloroethene			ug/m3	0.32 U	0.32 U	0.32 U [0.32 U]	0.32 U
trans-1,3-Dichloropropene	0.4	1.3	ug/m3	0.36 U	0.36 U	0.36 U [0.36 U]	0.36 U
Trichloroethene	0.46	4.2	ug/m3	0.033 J	0.083 J	0.19 U [0.040 J]	1.0
Trichlorofluoromethane	12	18.1	ug/m3	1.6	1.7	1.7 [1.7]	1.5
Vinyl Chloride	0.37	1.9	ug/m3	0.10 U	0.10 U	0.10 U [0.10 U]	0.10 U
n-Alkanes							
n-Butane			ug/m3	3.1	7.4	5.5 [8.8]	33
Pentane			ug/m3	1.1 J	2.6	2.1 [2.5]	17
n-Decane	15	17.5	ug/m3	0.82 J	1.2 J	0.84 J [2.9]	16
n-Dodecane	9.2		ug/m3	2.8 U	2.8 U	2.8 U [0.73 J]	2.1 J
n-Heptane	18		ug/m3	0.32 J	0.42 J	0.40 J [0.48 J]	1.5
n-Hexane	14	10.2	ug/m3	0.55 J	1.2	1.1 [2.0]	4.1
n-Octane	5.2		ug/m3	0.18 J	0.28 J	0.23 J [0.27 J]	0.82
Nonane	7.9	7.8	ug/m3	0.22 J	0.52 J	0.22 J [0.29 J]	9.0
n-Undecane	12	22.6	ug/m3	2.6 U	0.41 J	2.6 U [0.35 J]	6.4
Branched Alkanes (Reported as TICs)	•					-	
2,3-Dimethylpentane	5.2		ug/m3	0.33 U	0.13 J	0.14 J [0.14 J]	0.66
Isopentane			ug/m3	1.9	5.3	4.0 [5.4]	39
2-methylpentane			ug/m3	0.46	0.89	0.77 [1.0]	6.0

Table 1 Indoor and Ambient Air Sampling Results Former East 11th Street Works OU-4

Location ID: Date Collected:	Upper Fence	USEPA BASE Guidance Values 90th Percentile	Units	AA - 111820 11/19/20	HPL - COMPACTOR RM 11/19/20	HPL - MEETING RM 11/19/20	HPL - STORAGE 11/19/20
Opther (Reported as TICs)							
Indane			ug/m3	0.39 U	0.39 U	0.39 U [0.39 U]	0.20 J
Indene			ug/m3	0.76 U	0.76 U	0.76 U [0.76 U]	0.76 U
Isooctane			ug/m3	0.35 J	0.43 J	0.70 J [0.73 J]	3.2
Thiopene			ug/m3	0.28 U	0.28 U	0.28 U [0.28 U]	0.28 U
1,2,3-Trimethylbenzene			ug/m3	0.39 U	0.39 U	0.39 U [0.39 U]	0.91
Isopropylbenzene	0.82		ug/m3	0.79 U	0.79 U	0.79 U [0.79 U]	0.21 J

Lab Qualifier	Definition			
D	Sample required dilution prior to analysis.			
J Indicates an estimated value. The value is less than the minimum calibration level but greater than the estimated				
U Indicates the constituent was not detected at the PQL. The value preceding the U indicates the PQL.				
[] Identifies duplicate sample collected for quality control purposes.				
bold font	Indicates analyte exceeded its NYSDOH Upper Fence Criterion.			
shaded indicates analyte exceeded the USEPA's BASE Guidance Value (90th Percentile).				

FIGURES

APPENDIX A NYSDOH Indoor Air Quality Questionnaires and Building Inventory Forms

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

This form must be completed for	r each residence involved in	indoor air testing.
Preparer's Name Pylan (osbett	Date/Time Prepared
		Phone No. 63/-39/-5203
Purpose of Investigation	ndoor Air Samp	11.25
1. OCCUPANT:		
Interviewed: Y(N)		
Last Name: Rivera	First Name:	=elix
Address:		
County:		
Home Phone:	Office Phone: 34	17-343-1351
Number of Occupants/persons at	t this location Age	of Occupants
2. OWNER OR LANDLORD:	(Check if same as occupant	()
Interviewed: YN		
Last Name: Rivera	First Name:	Felix
Address: 200 A	venue C	
County: Manhattan		
Home Phone:	Office Phone: _3	47-343-1351
3. BUILDING CHARACTERI	STICS	
Type of Building: (Circle appro	priate response)	
Residential School	Commercial/Multi- Other:	use

Page 2

and the state of	,	ircle appropriate response)
Ranch	2-Family	3-Family
Raised	Ranch Split	Level Colonial
Cape Cod	Contemporary	
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:
If multiple	units, how many? 12	2
If the prope	erty is commercial, type?	
Business Ty	pe(s) Residenti	al Apartments
		se)? Y / N If yes, how many?
Other chara	acteristics:	
Number of f	loors 15	Building age 5
Is the building	ng insulated? N	How air tight? Tight/ Average / Not Tight
4. AIRFLO	w	
Use air curr	ent tubes or tracer smoke	to evaluate airflow patterns and qualitatively describe:
Airflow between Air Fla	veen floors on From Olevan	tor Shaft and compactor Shoot
Airflow near	source	
Outdoor air i	nfiltration Duct 3, Fans i	a bathroom ceiling
Infiltration in	nto air ducts	focted air systems present

		Page 3		
5. BASEMENT AND CO	NSTRUCTION C	HARACTERI:	STICS (Circle	all that apply)
a. Above grade construct	ion: wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other Grand leve
c. Basement floor:	concrete	dirt	stone	other th_Tile/conferte
d. Basement floor:	uncovered	covered	covered wi	th Tile/conspare
è. Concrete floor:	unsea	led sealed	sealed with	Tile (paint
f. Foundation walls:	poured block	stone	oth	ner
g. Foundation walls:	unsealed	scaled scale	d with Pa	int_
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially fir	nished
j. Sump present?	YE			
k. Water in sump?	Y / N not ar	oplicable)		
Basement/Lowest level de	epth below grade:	(feet)		
	oor entry points an	d approximate	size (e.g., crae	cks, utility ports, drains)
6. HEATING, VENTING				
Type of heating system(s)				
Hot air circulation	Heat pump	Radiant floor	vater baseboar	d
Space Heaters Electric baseboard	Wood stove		oor wood boile	er Other
The primary type of fuel	used is:			
Natural Gas	Fuel Oil	Kero	sene	and a stad
Electric	Propane	Solar	51	can Imported
Wood Co	2. 1			
Domestic hot water tank	fueled by: _ 5 t	cam		24.
Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other Steam
Air conditioning:	Central Air	Window unit	Open Wind	lows 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.

7. OCCUPANCY				
Is basement/lowest level occupied? Full-time O	Occasionally Seldom Almost N			
Level General Use of Each Floor (e.g., familyr	oom, bedroom, laundry, workshop, sto			
Basement None				
18 Floor Meeting room - Glocas	e, compactor, laundry			
2nd Floor residences 2-15th	Plan			
3rd Floor	1.7,83			
4th Floor				
8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY				
	v (A)			
a. Is there an attached garage?				
b. Does the garage have a separate heating unit?	Y/N/XX			
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 /NWhen?			
	Y / NOWhere?			
e. Is a kerosene or unvented gas space heater present?				
e. Is a kerosene or unvented gas space heater present? f. Is there a workshop or hobby/craft area?	N Where & Type? Storage			
f. Is there a workshop or hobby/craft area?	N Where & Type? Stoage \(\) Y (N) How frequently?			

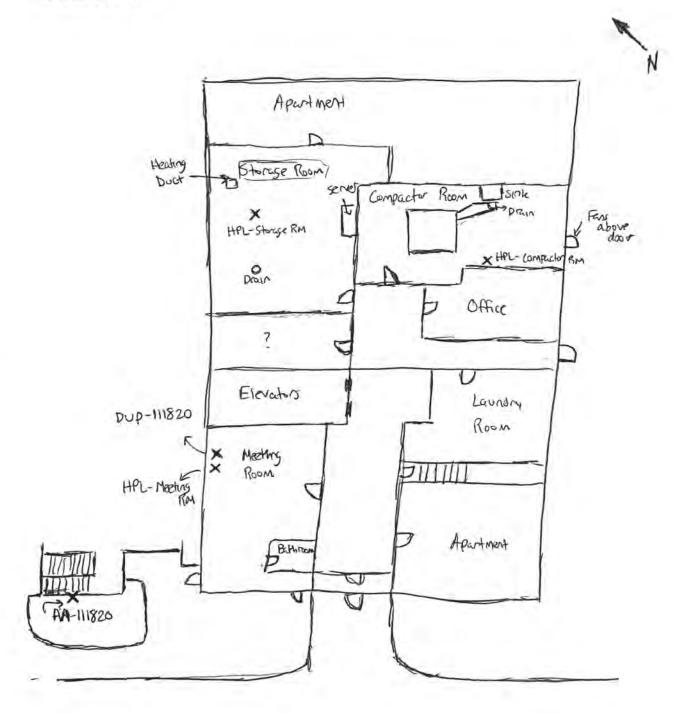
j. Has painting/staining been done in the last 6 months?	(V) Where & When? 1957 3 Manshs
k. Is there new carpet, drapes or other textiles?	Y/N Where & When?
l. Have air fresheners been used recently?	When & Type? Daily Clean
m. Is there a kitchen exhaust fan?	Y N If yes, where vented?
n. Is there a bathroom exhaust fan?	N If yes, where vented?
o. Is there a clothes dryer?	YN If yes, is it vented outside? YN
p. Has there been a pesticide application?	Y N When & Type?
Are there odors in the building? If yes, please describe:	and Paint in Storage Com
Do any of the building occupants use solvents at work? (e.g., chemical manufacturing or laboratory, auto mechanic boiler mechanic, pesticide application, cosmetologist	or auto body shop, painting, fuel oil delivery,
If yes, what types of solvents are used? Clean ing	Solutions
If yes, are their clothes washed at work?	Y (N)
Do any of the building occupants regularly use or work response)	at a dry-cleaning service? (Circle appropriate
Yes, use dry-cleaning regularly (weekly) Yes, use dry-cleaning infrequently (monthly or less) Yes, work at a dry-cleaning service	No Jnknown
Is there a radon mitigation system for the building/stru Is the system active or passive? Active/Passive	cture? Y / Date of Installation:
9. WATER AND SEWAGE	
Water Supply: Sewage Disposal: Public Water Public Sewer Public Sewer Septic Tank	Driven Well Dug Well Other: Leach Field Dry Well Other:
10. RELOCATION INFORMATION (for oil spill resid	lential emergency)
a. Provide reasons why relocation is recommended:	NA
b. Residents choose to: remain in home relocate to	o friends/family relocate to hotel/motel
c. Responsibility for costs associated with reimburseme	nt explained? Y / N
d. Relocation package provided and explained to reside	ents? Y / N

Haven Plaza Air Sampling

11/18/2020

30005331

Dylan Corbett Thomas Grusetti



APPENDIX B

Photographic Logs – Building Inventories and Sampling locations

Consolidated Edison





Photograph 1: Front courtyard outside entrance used for ambient air sample.



Photograph 2: Private driveway in front of entrance 30 feet from ambient air sample.



Photograph 3: Front entrance to apartment building.



Photograph 4: Drainage grate 30 feet from ambient air sample.



Photograph 5: AA-111820 air sample located on outside stairwell away from foot traffic and private driveway.



Photograph 5: Door and overhead fans in compactor room 10 feet from HPL-Compactor Rm air sample.

30005331 Page 1 of 9

Consolidated Edison

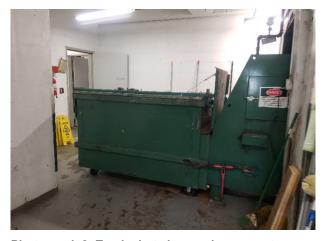




Photograph 7: HPL-Compactor Rm air sample located 10 feet from the door and 8 feet from the trash compactor hopper



Photograph 8: HPL-Compactor Rm air sample located 10 feet from the door and 8 feet from the trash compactor hopper



Photograph 9: Trash chute hopper in compactor room 8 feet from HPL-Compactor Rm sample.



Photograph 10: Waste storage in compactor room 20 feet from HPL-Compactor Rm air sample.



Photograph 11: Cleaning supplies in compactor room 15 feet from HPL-Compactor Rm sample.



Photograph 12: Cleaning equipment in compactor room 20 feet from HPL-Compactor Rm air sample.

30005331 Page 2 of 9

Consolidated Edison





Photograph 13: Door was opened in compactor room exposing HPL-Compactor Rm air sample to additional air flow.



Photograph 14: Aerosol can in storage room in vicinity of HPL-Storage Rm air sample.



Photograph 15: Refrigerators in storage room adjacent to HPL-Storage Rm air sample.



Photograph 16: Paint thinner, enamel, primer, floor tile adhesive, plaster in storage room, 15 feet from HPL-Storage Rm air sample and 10 feet from air vent.



Photograph 17: Server in storage room in vicinity of HPL-Storage Rm air sample.



Photograph 18: Fuse box in vicinity of HPL-Storage Rm air sample.

30005331 Page 3 of 9

Consolidated Edison





Photograph 19: Ceiling air ventilation 25 feet from HPL-Storage Rm air sample.



Photograph 20: Air duct running the length of the storage room ceiling.



Photograph 21: Non-acid bathroom cleaner in storge room in vicinity of HPL-Storage Rm air sample.



Photograph 22: Container of disinfectant with exposed applicator in storage room in vicinity of HPL-Storage Rm air sample.



Photograph 23: Enamel container in storage room 20 feet from HPL-Storage Rm air sample.



Photograph 24: Open latex enamel container in storage room 20 feet from HPL-Storage Rm air sample.

30005331 Page 4 of 9

Consolidated Edison

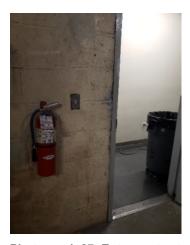




Photograph 25: Plaster in storage room in the vicinity of HPL-Storage Rm air sample



Photograph 26: HPL-Storage Rm air sample located among refrigerators 25 feet from air ventilation.



Photograph 27: Entrance to storage room.



Photograph 28: Open container of laundry detergent 25 feet from HPL-Storage Rm air sample.



Photograph 29: Fuel container in storage room 25 feet from HPL-Storage Rm air sample.



Photograph 30: Pellet fuel in storage room 15 feet from HPL-Storage Rm air sample.

30005331 Page 5 of 9

Consolidated Edison





Photograph 31: Sink and space heater in vicinity of HPL-Meeting Rm air sample and DUP-111820 air sample.



Photograph 32: Chairs, tables and space heaters in meeting room in vicinity of HPL-Meeting Rm air sample and DUP-111820 air sample.



Photograph 6: Packages of dog food in vicinity of HPL-Meeting Rm air sample and DUP-111820 air sample.



Photograph 34: Meeting room entrance.



Photograph 35: Wood pallets and miscellaneous materials stored in meeting room.



Photograph 36: Air sample canisters staged in meeting room prior to deployment.

30005331 Page 6 of 9

Consolidated Edison





Photograph 37: Air ventilation 15 feet from HPL-Meeting Rm air sample and DUP-111820 air sample.



Photograph 38: Food drive supplies stored in meeting room in vicinity of HPL-Meeting Rm air sample and DUP-111820 air sample.



Photograph 39: Air ventilation 15 feet from HPL-Meeting Rm air sample and DUP-111820 air sample.



Photograph 40: Air ventilation 15 feet from HPL-Meeting Rm air sample and DUP-111820 air sample.



Photograph 41: HPL-Meeting Rm air sample and DUP-111820 air sample located adjacent to one another elevated from floor.



Photograph 42: Apartment building lobby layout.

30005331 Page 7 of 9

APPENDIX C

Sample Collection Logs

ARCADIS

	RCADIS	Indoor/Ambient Air Sample Collection Log				
Infrastructure,	environment, buildings	Sample ID:	AA-H1820			
Client:	CARE d	Outdoor/Indoor:	outdoot			
Project:	Haven 81	Sample Intake Height:	3P7			
Location:	NYC B	Miscellaneous Equipment:	11/18, 11/19			
Project #:	30105331	intyard Time On/Off:	0958/1001			
Samplers:	DC/TG	Subcontractor:				

Instrument Readings:

Time	Canister Pressure (inches of HG)	Temperature (F or C)	Relative Humidity (%)	Air Speed (ft/min)	Pressure Differential (inches of H20)	PID (ppm or ppb)
9:58	-30	38°F				0.0
1200	-36	90°F		PR		0-0
1416	-29.5	450		-		0.0
0700	-10	33°				0.0
3840	-7	37'				0.0

SUMMA Canister Information:

Size (circle one): 1 L (6 L)

Canister ID: 34001269

Flow Controller ID: 10886-

General Observations/Notes:

ed direction:	W, 15	-20 unes , 32				
Ba locke	1 40	Stair case	in	(autoras	+	
Trace T						

Please record current weather information including wind speed and direction, ambient temperature, barometric pressure, and relative humidity via suitable information source (e.g., weatherunderground.com).

11

ARCADIS

ARC ARC		Indoor/Ambient A	
Intrastructure, e.	nvironment, buildings	Sample ID:	HPL-Compactor PM
Client:	CONFA	Outdoor Indoor:	HPL-Compactor B
Project:	Haven Plaza	Sample Intake Height:	
Location:	NYC	Miscellaneous Equipment:	11/18 / 11/19
Project #:	30665331	Time On/Off:	09446952
Samplers:	0/1+/-	Subcontractor:	

Instrument Readings:

	Time	Canister Pressure (inches of HG)	Temperature (F or C)	Relative Humidity (%)	Air Speed (ft/min)	Pressure Differential (inches of H20)	PID (ppm or ppb)
. (0944	-3/)	72F		NA		0.0
1/18)	1200	-30	1		-		0.0
. (1420	-29.5	A				0.0
1.5	9700	-10	W				0.0
114 [0840	-8.5	O.				0.0

SUMMA Canister Information:

Size (circle one): 1 L (6 L)

Canister ID: 11026

Flow Controller ID: 738 9

General Observations/Notes:

Appendix B -Ambient Air Sampling and Analysis

Project: Location: Project #: Samplers: Instrument Readi	Haven Plus 14 C 10005/3" Ings:		Outdoor/Ind Sample Inta Miscellaneo Time On/Off Subcontrac	ke Height: us Equipment:	Fridas (14/19 1 14/19 14/3
Project: Location: Project #: Samplers: Instrument Readi	Haven Plus	31	Sample Inta Miscellaneo Time On/Off	ke Height: us Equipment:	Indust 2ft	11/19
Project: Location: Project #: Samplers: Instrument Readi	Haven Plus	3 I	Miscellaneo Time On/Off	us Equipment:	2 ft 11/18 0935/0	11/19
Location: A Project #: 2 Samplers: Instrument Readi	14 C 2005/3" 1 T	31	Time On/Off	:	0935/0	11/19
Samplers:	ngs:	31	Time On/Off	:	0935/0	943
Samplers:	ngs:	G			3370	710
Instrument Readi			Subcontrac	or.		
	anister essure	Temperature	Relative Humidity	Air Speed	Pressure Differential	PID (ppm or
5.55.52.6	es of HG)	(F or C)	(%)	(ft/min)	(inches of H20)	ppb)
	30	72F		NA		0.0
1200 -3						0-6
	9.5					0.6
0840 -		V				(50
						0,0
SUMMA Canister Size (circle one): Canister ID: 340 Flow Controller ID	Information: 1L 61					

ARCADIS

	CADIS	Indoor/Ambient A Collection	
intraștructure,	environment, buildings	Sample ID:	DUP-11/820
Client:	IBITE	Outdoor/Indoor:	FINDOOF
Project:	Haven Plazo	Sample Intake Height:	2 Ft
Location:	NYC	Miscellaneous Equipment:	11/18 2 11/19
Project #:	3000533	Time On/Off:	0935 6943
Samplers:	DCITG	Subcontractor:	1

Instrument Readings:

	Time	Canister Pressure (inches of HG)	Temperature (F or C)	Relative Humidity (%)	Air Speed (ft/min)	Pressure Differential (inches of H20)	PID (ppm or ppb)
10	0935	-28.5	728		NA		0.0
118	1200	- 28			7 4 1 4		0-0,
(1415	- 27.5					0.0
1. J	00700	-10					0-0
1195	7840	-7.5	W				0.0

SUMMA Canister Information:

Size (circle one): 1 L (6L)

Canister ID: 09523

Flow Controller ID: \0450

General Observations/Notes:

et up in meeting room	

Appendix B -Ambient Air Sampling and Analysis

	RCADIS ure, environment, buildin	10 To		/Ambient Collection	Air Sample 1 Log	The last
nmastructi	are, environment, bulloll	igs The same of th	140	Sample ID	: HPL-St	slage
Client:	CONEN		Outdoor/Inc	loor:	Indesc	
Project:	The state of the s	AZA	Sample Inta	ke Height:		
Location:		a c	Miscellaneous Equipment:		10	11/18
Project #:	200053	71	Time On/Of		000000	2947/
Samplers	10000	7)	Subcontrac	775	1-2790	1111
Time	Canister Pressure (inches of HG)	Temperature (F or C)	Relative Humidity (%)	Air Speed (ft/min)	Pressure Differential (inches of H20)	PID (ppm or ppb)
AAH		72	(%)	N/A	(inches of H20)	
1200	-28.5	1-		11		6.0
1413	-28	- 91,5				0.0
10.1	WM15-9	1/				00
	~ ~					0.0
0240						
69 5 7 SUMMA C Size (circle	e one): 1L 6L 0: 3400 1524					

APPENDIX D Data Usability Summary Reports (DUSRs)



Consolidated Edison Company of New York, Inc. – East 11th Street Site

DATA USABILITY SUMMARY REPORT (DUSR)

New York City, New York

Volatile Analysis

SDG #: 140-21090-1

Analyses Performed By: TestAmerica Laboratories, Inc. Knoxville, Tennessee

Report #: 39795R Review Level: Tier III Project: 300053331.00002

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 140-21090-1 for samples collected in association with the Consolidated Edison site in New York City, New York. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data as reported by the laboratory were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain-of-custody (COC) records. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis VOCs
HPL - STORAGE-20201119	140-21090-1	Air	11/19/2020		Х
HPL - MEETING RM-20201119	140-21090-2	Air	11/19/2020		X
HPL - COMPACTOR RM-20201119	140-21090-3	Air	11/19/2020		Х
DUP - 111820-20201119	140-21090-4	Air	11/19/2020	HPL - MEETING RM-20201119	Х
AA - 111820-20201119	140-21090-5	Air	11/19/2020		Х

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

	Rep	orted		mance ptable	Not
Items Reviewed	No	Yes	No	Yes	Required
Sample receipt condition		Х		Х	
2. Requested analyses and sample results		Х		Х	
Master tracking list		Х		Х	
4. Methods of analysis		Х		Х	
5. Reporting limits		Х		Х	
6. Sample collection date		Х		Х	
7. Laboratory sample received date		Х		Х	
8. Sample preservation verification (as applicable)		Х		Х	
Sample preparation/extraction/analysis dates		Х		Х	
10. Fully executed Chain-of-Custody (COC) form		Х		Х	
Narrative summary of quality assurance (QA) or sample problems provided		Х		Х	
12. Data Package Completeness and Compliance		Х		Х	

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) Method TO-15. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999, USEPA Region II SOP HW-31- Validating Air Samples Volatile Organic Analysis of Ambient Air In Canister by Method TO-15 of October 2006, New York State DEC Analytical Method ASP 2005 TO-15 (QA/QC Criteria R9 TO-15), NYSDEC Modifications to R9 TO-15 QA/QC Criteria October 2009.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
 - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
 - E The compound was quantitated above the calibration range.
 - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
 - J The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
 - UJ The analyte was not detected above the reported sample detection limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
 - J+ The result is an estimated quantity, but the result may be biased high.
 - J- The result is an estimated quantity, but the result may be biased low.
 - UB Analyte considered non-detect at the listed value due to associated blank contamination.
 - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
 - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation	Return Canister Pressure
USEPA TO-15 and ASTM D-1946	Air	30 days from collection to analysis	Ambient Temperature	< -1" Hg

All samples were analyzed within the specified holding time and canister return pressure / vacuum criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (30%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (30%) and RRF value greater than control limit (0.05).

Compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
HPL - STORAGE-20201119 HPL - MEETING RM-20201119 HPL - COMPACTOR RM-20201119	CCV %D	Propene	+30.5%
DUP - 111820-20201119 AA - 111820-20201119	GCV 70D	Dichlorodifluoromethane	+31.2%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
	RRF <0.05	Non-detect	R
	KKI ~0.05	Detect	J
Initial and Continuing	RRF <0.01 ¹	Non-detect	R
Calibration	KKI ~0.01	Detect	J
	RRF >0.05 or RRF >0.01 ¹	Non-detect	No Action
	RRF 20.05 01 RRF 20.01	Detect	NO ACTION
	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
Initial Calibration	70KSD > 1576 of a correlation coefficient <0.99	Detect	J
IIIIIai Calibration	%RSD >90%	Non-detect	R
	7000 /90 70	Detect	J
	9/D >209/ (increase in consitivity)	Non-detect	No Action
	%D >20% (increase in sensitivity)	Detect	J
Continuing Calibration	0/D > 200/ (degraded in consistivity)	Non-detect	UJ
Continuing Calibration	%D >20% (decrease in sensitivity)	Detect	J
	%D >90% (increase/decrease in sensitivity)	Non-detect	R
	70D 700 /0 (IIICIEdSE/GECIEdSE III SEIISIUVILY)	Detect	J

Note:

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC

¹ RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

analysis requires that all surrogates associated with the analysis exhibit a percent recovery within the established acceptance limits of 70% to 130%.

Surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

Internal standard responses were within control limits.

7. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the established acceptance limits of 70% to 130%.

Compounds associated with the LCS analysis exhibited recoveries within the control limits.

8. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 50% for air matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of three times the RL is applied for air matrices.

Results for duplicate samples are summarized in the following table (ug/m3).

		Sample	Duplicate	
Sample ID/Duplicate ID	Analyte	Result	Result	RPD
	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.64	0.59 J	AC
	1,2,4-TRIMETHYLBENZENE	0.27 J	0.38 J	AC
	1,2-DICHLOROETHANE	0.084 J	0.087 J	AC
	1,2-DICHLOROPROPANE	0.052 J	0.37 U	AC
	1,3,5-Trimethylbenzene (Mesitylene)	0.11 J	0.18 J	AC
	1,4-DICHLOROBENZENE	0.16 J	0.22 J	AC
	2,2,4-TRIMETHYLPENTANE	0.7 J	0.73 J	AC
	2,3-DIMETHYL PENTANE	0.14 J	0.14 J	AC
	2-METHYL BUTANE	4	5.4	29.7%
HPL - MEETING RM-20201119/	2-METHYL-PENTANE	0.77	1.0	AC
DUP - 111820-20201119	4-Ethyltoluene	0.13 J	0.16 J	AC
DOF - 111020-20201119	ACETONE	8.6	8.7	1.1 %
	BENZENE	0.96	1.0	AC
	BROMODICHLOROMETHANE	0.75	0.75	AC
	BROMOMETHANE	0.09 J	0.31 U	AC
	BUTANE	5.5	8.8	46.1%
	CARBON DISULFIDE	2.5	0.086 J	NC
	CARBON TETRACHLORIDE	0.57	0.54	AC
	CHLOROBENZENE	0.030 J	0.37 U	AC
	CHLOROFORM	6.7	6.8	1.4%
	CHLOROMETHANE	1.4	1.4	AC

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
	CYCLOHEXANE	0.32 J	0.33 J	AC
	DIBROMOCHLOROMETHANE	0.16 J	0.16 J	AC
	DICHLORODIFLUOROMETHANE	1.2	1.2	AC
	ETHYLBENZENE	0.34 J	0.36	AC
	Isopropanol	8.7	8.6	1.1%
	M,P-XYLENES	1.1	1.1	AC
	METHYL ETHYL KETONE (2-BUTANONE)	1.1	0.64 J	AC
	METHYLENE CHLORIDE	1.8	14	NC
	N-DECANE	0.84 J	2.9	AC
	N-DODECANE	2.8 U	0.73 J	AC
	N-HEPTANE	0.4 J	0.48 J	AC
	N-HEXANE	1.1	2	AC
	N-NONANE	0.22 J	0.29 J	AC
	N-OCTANE	0.23 J	0.27 J	AC
	N-PENTANE	2.1	2.5	AC
	N-UNDECANE	2.6 U	0.35 J	AC
	O-XYLENE (1,2-DIMETHYLBENZENE)	0.4	0.43	AC
	STYRENE	0.34 U	0.22 J	AC
	TETRACHLOROETHYLENE(PCE)	0.16 J	0.18 J	AC
	TETRAHYDROFURAN	0.066	0.055 J	AC
	TOLUENE	1.9	2.5	AC
	TRICHLOROETHYLENE (TCE)	0.19 U	0.04 J	AC
	TRICHLOROFLUOROMETHANE	1.7	1.7	AC

Notes:

AC = Acceptable

NC = Not Compliant

The compound carbon disulfide and methylene chloride associated with sample locations HPL - MEETING RM-20201119 and DUP - 111820-20201119xx and xx exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed compounds were qualified as estimated.

9. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

10. System Performance and Overall Assessment

The "Cl" qualifier was removed and replaced with a "J" qualifier to indicate that the detected compound results for the associated samples mentioned above are estimated (potential high bias due to chromatographic interference).

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: TO-15	Re	ported		rmance eptable	Not
	No	Yes	No	Yes	Required
GAS CHROMATOGRAPHY/MASS SPECTROMET	TRY (GC/N	/IS)			
Tier II Validation					
Holding times		Х		Х	
Canister return pressure (<-1"Hg)		Х		Х	
Reporting limits (units)		Х		Х	
Blanks				'	
A. Method blanks		X		X	
B. Equipment blanks	Х				Х
C. Trip blanks	Х				Х
Laboratory Control Sample (LCS)		Х		X	
Laboratory Control Sample Duplicate (LCSD)	X				Х
LCS/LCSD Precision (RPD)	X				Х
Matrix Spike (MS)	X				Х
Matrix Spike Duplicate (MSD)	X				Х
MS/MSD Precision (RPD)	Х				Х
Field/Lab Duplicate (RPD)		Х	Х		
Surrogate Spike Recoveries		Х		Х	
Dilution Factor		Х		X	
Moisture Content		Х		X	
Tier III Validation					I
System performance and column resolution		Х		Х	
Initial calibration %RSDs		Х		Х	
Continuing calibration RRFs		Х		X	
Continuing calibration %Ds		Х	Х		
Instrument tune and performance check		X		Х	
Ion abundance criteria for each instrument used		X		Х	
Internal standard		X		Х	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		Х		Х	
B. Quantitation Reports		Х		Х	

VOCs: TO-15	Rej	oorted		rmance eptable	Not Required
	No	Yes	No	Yes	Required
GAS CHROMATOGRAPHY/MASS SPECTROMETR	Y (GC/M	IS)			
C. RT of sample compounds within the established RT windows		Х		Х	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		Х		X	

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

SDG	Sampling	Protocol	Sample ID	Matrix	Comp	liancy ¹	Noncompliance
050	Date	11010001	Cample 15	Matrix	VOCs	SVOCs	reoncompilance
	11/19/2020		HPL - STORAGE-20201119	Air	No		CCV %D, chromatographic interference
140-21090-1	11/19/2020	SW846	HPL - MEETING RM-20201119	Air	No		CCV %D, Field Dup RPD, chromatographic interference
140 21000 1	11/19/2020	04040	HPL - COMPACTOR RM-20201119	Air	No		CCV %D
	11/19/2020		DUP - 111820-20201119	Air	No		CCV %D, Field Dup RPD
	11/19/2020		AA - 111820-20201119	Air	No		CCV %D

Note:

Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

Validation Performed By: Todd Church

Signature:

Date: January 7, 2021

Peer Review: Dennis Capria

Date: January 8, 2021

CHAIN OF CUSTODY AND CORRECTED AND SAMPLE ANALYSIS DATA SHEETS

Eurofins TestAmerica, New York City Ser 47-23 22nd Place Suite 1141 Long Island City, NY 11101-2425 Hone 347-207 6579 fax Client Contact Information Company Name: Arcadis U.S., Inc Address: 295 Woodcliff Drive City/State/Zip: Fairport/ NY 14450 Phone: (585) 682 4034 FAX: (585) 385 4198	Function TestAmerica, New York City Ser Subset Title Contact Life Con																	
Direct 1975	Control of the Cont	Eurofins TestAmerica, New York City Ser 47-32 32nd Place Suite 1141	AND AND	N N	TestAme	Canist	er Sal	mples (Chain of	Cust	ody on and shi	Reco	Td		0-21090	Chain	of Custody	
Compared to the Content of the Con	Clear Contraction of Contraction o	Long Island City, NY 11101-2425 phone 347.507.0579 fax												TestAr	· nerica L	aborator	ies, Inc. d/b/a Eurofin	s TestAmeric
Address 20 No. Colored U.S. Inc. Proceed U.S. Inc. Inc	Address 28 Woodell Care	Client Contact Information	Clie	nt Project Ma	anager: Mike	(Michael)	Г	Samples Col	lected By: Dyl	an Corbet					r. v.er	#C	COC No:	
Chief and Strategies	Chiefweet 20 Chiefweet 10 Chie	Company Name: Arcadis U.S., Inc	Pho	ле: (315) 671	9211	:								1 1			-	cocs
Proceedings State Contract Albin Redeposit Proceedings State Contract Albin Redeposit Proceedings State Proceedings Procedings Proceedings Procedi	Proceedings 18 18 18 18 18 18 18 1	Address: 295 Woodcliff Drive	Ema	il: michael.jo	ones@arcad	s.com											TALS Project #:	
The State The	Fig. 20 18 18 18 18 18 18 18 1	City/State/Zip: Fairport/ NY/ 1445U														(0	For Lab Use Unly:	
Part	Second instructions of Registration Conference Conf	Phone: (585) 662 4034	Site	Contact: Alb	ina Redzepa	gic				(te						otioi	Waik-in Client:	
Sample Description Sample Sampl	Sample therefication Sample Trans Trans Sample Trans	PAX. (363) 363 4196 Designat Name: Can Editor East 44th Street	leil	-coc-717 xe	LCOT					il e)			AT T		ΛE)	98 86	Lab Sampling.	
Sample blandfooton Sample Time	Fig. 20005261 Sample Bentification Sample Time Sam	Figer Ivanie: Coll Edison - East 11th Street	2	Anai	ISIS I Urnaro	und lime				ylsr				/إد	(S) L	oton (14 0007 4-1	
Sample identification Sample Time Sample Time Condition Conditio	Sample blentification Sample Time Sample Time Continue	P O # 30005331	Rust	dard (Specifiv)						ıA te				4 jne	otto	cify in		dd" Ifems)
Sample Identification Sample Trans Sample Sample Sample Trans Sample Sample Sample Trans Sample Sample Sample Sample Trans Sample Sample Trans Sample	HPL - 51s cige		isnu	(Specilly).		Canicter	Canieter			egis.		9	ėс	ejqu	xtrac	eds	F IOI MOING PAC)	no i iteliis)
HPL - 54e (c.ge 1/18/64 ONL) 1/16/64 ONL) 1/18/64	HPL - Str CGE Website ONLY Website 0457 - 29 -5 11535 2400.524 x x 3.50 1.40 - 1.40 - 1.40 1.40					Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID								Sample Specif	ic Notes:
HPL - MOCKLAN RW White ON43 2553 - 6 707 24020 X 30/5/4.4 kg HPL - Carefactor RW White ON44 White ON44 X 25 30 - 6 7354 11026 X X 285(5/40.4 kg HPL - Carefactor RW White ON44 Wh	HPL- PPERMY R.M. INGRAS BAYAND 0943 755-30 - 6 7389 11006 x x x 1100		1/18/2010	93/11/4/s	7590 spec	-29	5-	11 £3 8	340K24					×				
HAL-Carptic to the tensor to	### HPD - Carval.c.t.or RW Wife 20 1901 30 -6 7384 1100.6 x x x 1100.0 1100.0 x x x x x x x x x	HPL - MODANG RM	1/18/1816	1955 liVah	5643	18.53		7017	340th 7010	×							-30/54×14	
DUP -	Dup -	110) - (months &M	150,000	7 8 1/1 17	128.7	130	7	1289	11092	; >			-		-			
AA-11 SQD	AA -	Divo-111890	Vic / 2 / 2			Ś	2 2	Short	5000	< >			-		-		11//80	1
110.00 118/12943 & 1/14/20 100		11000	1/2/		10.01	<u>~</u>	۱۲٫	27.0	0.000	< :			-		_		405151017	Z.
Start Interior 7.2 F Ambient 2 F CO of K Story Confirments & Comments: Story Date Time: Ambient Amb	Start Interior 12 F Ambient 2.9 Stop Pressure (Fahrenheit) Stop Pressure (Inches of Hg) Stop Pressure (2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2)	3	Opan	1970	<								
Start Interior 1	Start Interior 12 Entertheit) Start Interior 12 Entertheit) Stop 12 Entertheit Start Interior 12 Entertheit Stop 12 Entertheit Stop 14:00 Pressure (Inches of Hg) Received by: Recei														-			
Start Interior 12 Ambient Start Interior 12 Ambient Start Interior 12 Ambient Start Interior Ambient Start Interior Ambient Ambient Ambient Ambient Ambient Start Interior Ambient Ambie	Start Interior 1 F Ambient Stop														-			
Start Interior Temperature Fahrenheit) Rec e'iv e'if Annolant Sept Took Too	Start Interior 12 f Ambient 2 f Ambient 2 f Ambient 2 f Ambient 3 f Ambient 3 f Ambient 4 f Ambient 4 f Ambient 5 f Ambient 6 f Ambient 7 f Am																	
Start Interior 1 Emplerature (Famerican)	Start Interior 1.2 6 Ambient 3.5 Samples Received by: Stop														_		1	
Start Interior Ambient	## Start Interior Pressure (inches of Hg)		Star		2	Ambient (-anrenheir					@ ~	30	2,	かな	ر م م	ئر م	2
Start Interior Ambient	Stop Interior Ambient Multiple Manual Manu	News	Stop		Щ		ر ر hes of Hg)			g/	* - -				≯	ī	in Gair	
bed by: Image: Ima	actions/QC Requirements & Comments: bed by: A A A A A A A A A									7	711	OF THE	Ď Ž					
bad by: And the state of the s	ped by: fractional properties fractiona	Special Instructions/QC Requirements & Comments	ió									,						
quished by: 1 14 2	quished by: 1 14 2	Samples Shipped by:		Date /] <u>c</u>	0	00:	Samples Rec	eived by:		1							
Shipper Name: Opened by: Condition:	wt 人人 / リン Date / Time in 1:35 A M Received by: (1:35 A M Shipper Namps: Opened by: Condition: Co	Samples Relinquished by:		Date /	12	ľ		Received by:		1 /								
/Shipper Name:	/Shipper Name: Opened by:	Relinquished by		Date /	. 61	; ;	v Q	Received by	~	F77		7/2	4	,	090	$\frac{\varsigma}{\varsigma}$	Cars/SAL	3/500
	보고 있는 보고 있는 사람들은 보고 보고 있는 것이 되었다. 1000 1000 1000 1000 1000 1000 1000 10			Opene			S-15- 3-3-30	Condition:										

Definitions/Glossary

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
CI	The peak identified by the data system exhibited chromatographic interference that could not be resolved. There is reason to suspect
	there may be a high bias.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TNTC

Too Numerous To Count

J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
п	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - STORAGE

Lab Sample ID: 140-21090-1 Date Collected: 11/19/20 09:57

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Analyte		Qualifier	RL _	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
1,1,1-Trichloroethane	ND		0.080		ppb v/v			11/24/20 14:59	
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			11/24/20 14:59	
1,1,2-Trichloro-1,2,2-trifluoroetha	0.077	J	0.080	0.0080	ppb v/v			11/24/20 14:59	
ne				0.0070				44/04/00 44 50	
1,1,2-Trichloroethane	ND		0.080		ppb v/v			11/24/20 14:59	
1,1-Dichloroethane	ND		0.080		ppb v/v			11/24/20 14:59	
1,1-Dichloroethene	ND		0.040		ppb v/v			11/24/20 14:59	
1,2,3-Trimethylbenzene	0.18		0.080		ppb v/v			11/24/20 14:59	
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			11/24/20 14:59	
1,2,4-Trimethylbenzene	0.53		0.080		ppb v/v			11/24/20 14:59	
1,2-Dibromoethane (EDB)	ND		0.080		ppb v/v			11/24/20 14:59	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.080		ppb v/v			11/24/20 14:59	
1,2-Dichlorobenzene	ND		0.080	0.031	ppb v/v			11/24/20 14:59	
1,2-Dichloroethane	0.027	J	0.080	0.010	ppb v/v			11/24/20 14:59	
1,2-Dichloropropane	ND		0.080	0.010	ppb v/v			11/24/20 14:59	
1,3,5-Trimethylbenzene	0.16		0.080	0.022	ppb v/v			11/24/20 14:59	
1,3-Butadiene	ND		0.16	0.019	ppb v/v			11/24/20 14:59	
1,3-Dichlorobenzene	ND		0.080	0.016	ppb v/v			11/24/20 14:59	
1,4-Dichlorobenzene	0.044	J	0.080	0.016	ppb v/v			11/24/20 14:59	
1,4-Dioxane	ND		0.20	0.030	ppb v/v			11/24/20 14:59	
2,2,4-Trimethylpentane	0.68		0.20	0.0080	ppb v/v			11/24/20 14:59	
2,3-Dimethylpentane	0.16		0.080	0.026	ppb v/v			11/24/20 14:59	
2-Butanone (MEK)	0.75		0.32	0.073	ppb v/v			11/24/20 14:59	
2-Hexanone	0.033	J	0.20	0.016	ppb v/v			11/24/20 14:59	
2-Methylbutane	13		0.20		ppb v/v			11/24/20 14:59	
2-Methylpentane	1.7		0.080		ppb v/v			11/24/20 14:59	
4-Ethyltoluene	0.17		0.16		ppb v/v			11/24/20 14:59	
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			11/24/20 14:59	
Acetone	8.2	Ø J	2.0		ppb v/v			11/24/20 14:59	
Benzene	0.62	\	0.080		ppb v/v			11/24/20 14:59	
Benzyl chloride	ND		0.16		ppb v/v			11/24/20 14:59	
Bromodichloromethane	ND		0.080		ppb v/v			11/24/20 14:59	
Bromoform	ND		0.080		ppb v/v			11/24/20 14:59	
Bromomethane	ND		0.080		ppb v/v			11/24/20 14:59	
Carbon disulfide	0.021		0.20		ppb v/v			11/24/20 14:59	
Carbon tetrachloride	0.085		0.032		ppb v/v			11/24/20 14:59	
Chlorobenzene	0.0061		0.080		ppb v/v			11/24/20 14:59	
Chloroethane	ND		0.080		ppb v/v			11/24/20 14:59	
Chloroform	0.49		0.080		ppb v/v			11/24/20 14:59	
Chloromethane	0.49	X	0.000		ppb v/v			11/24/20 14:59	
			0.20		ppb v/v			11/24/20 14:59	
cis-1,2-Dichloroethene	0.013	J							
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			11/24/20 14:59	
Cyclohexane	0.44		0.20		ppb v/v			11/24/20 14:59	
Dibromochloromethane	ND		0.080		ppb v/v			11/24/20 14:59	
Dichlorodifluoromethane	0.21	J	0.080		ppb v/v			11/24/20 14:59	
Ethylbenzene	0.38		0.080		ppb v/v			11/24/20 14:59	
Heptane	0.36		0.20		ppb v/v			11/24/20 14:59	
Hexachlorobutadiene	ND 1.2		0.080 0.20	0.032	ppb v/v			11/24/20 14:59	

Eurofins TestAmerica, Knoxville

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - STORAGE

Lab Sample ID: 140-21090-1

Matrix: Air

Date Collected: 11/19/20 09:57 Date Received: 11/20/20 09:00

Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Indane	0.042	J	0.080		ppb v/v			11/24/20 14:59	
Indene	ND		0.16		ppb v/v			11/24/20 14:59	
Isopropyl alcohol	16		0.80		ppb v/v			11/24/20 14:59	
Isopropylbenzene	0.043	J	0.16		ppb v/v			11/24/20 14:59	
Methyl tert-butyl ether	ND		0.16	0.052	ppb v/v			11/24/20 14:59	
Methylene Chloride	1.6		0.40	0.39	ppb v/v			11/24/20 14:59	
m-Xylene & p-Xylene	1.3		0.080	0.029	ppb v/v			11/24/20 14:59	
Naphthalene	ND		0.20	0.076	ppb v/v			11/24/20 14:59	
n-Butane	14		0.16	0.083	ppb v/v			11/24/20 14:59	
n-Decane	2.8		0.40	0.038	ppb v/v			11/24/20 14:59	
n-Dodecane	0.30	J	0.40	0.064	ppb v/v			11/24/20 14:59	
n-Octane	0.18		0.16	0.016	ppb v/v			11/24/20 14:59	
Nonane	1.7		0.20	0.018	ppb v/v			11/24/20 14:59	
n-Undecane	1.0		0.40	0.048	ppb v/v			11/24/20 14:59	
o-Xylene	0.45		0.080	0.015	ppb v/v			11/24/20 14:59	
Pentane	5.6		0.40	0.079	ppb v/v			11/24/20 14:59	
Propene	1.6	J	1.0	1.0	ppb v/v			11/24/20 14:59	
Styrene	0.14		0.080	0.024	ppb v/v			11/24/20 14:59	
Tetrachloroethene	0.056		0.080	0.0070	ppb v/v			11/24/20 14:59	
Tetrahydrofuran	0.034		0.40		ppb v/v			11/24/20 14:59	
Thiophene	ND		0.080		ppb v/v			11/24/20 14:59	
Toluene	1.3		0.12	0.078	ppb v/v			11/24/20 14:59	
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			11/24/20 14:59	
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			11/24/20 14:59	
Trichloroethene	0.19		0.036		ppb v/v			11/24/20 14:59	
Trichlorofluoromethane	0.27		0.080		ppb v/v			11/24/20 14:59	
Vinyl chloride	ND		0.040		ppb v/v			11/24/20 14:59	
•		Qualifier	RL			n	Branarad		Dil Eo
Analyte 1,1,1-Trichloroethane	ND	Qualifier	0.44	MDL 0.20	ug/m3	<u>D</u>	Prepared	Analyzed 11/24/20 14:59	Dil Fa
1,1,2,2-Tetrachloroethane	ND		0.44		ug/m3			11/24/20 14:59	
• • •					J				
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.59	J	0.61	0.061	ug/m3			11/24/20 14:59	
1,1,2-Trichloroethane	ND		0.44	0.038	ug/m3			11/24/20 14:59	
1.1-Dichloroethane	ND		0.32		ug/m3			11/24/20 14:59	
1,1-Dichloroethene	ND		0.16		ug/m3			11/24/20 14:59	
1,2,3-Trimethylbenzene	0.91		0.39		ug/m3			11/24/20 14:59	
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			11/24/20 14:59	
1,2,4-Trimethylbenzene	2.6		0.39		ug/m3			11/24/20 14:59	
1,2-Dibromoethane (EDB)	ND		0.61		ug/m3			11/24/20 14:59	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.56		ug/m3			11/24/20 14:59	
1,2-Dichlorobenzene	ND		0.48		ug/m3			11/24/20 14:59	
1,2-Dichloroethane	0.11		0.48		ug/m3			11/24/20 14:59	
1,2-Dichloropropane	ND	3	0.32		ug/m3			11/24/20 14:59	
			0.37		-				
1,3,5-Trimethylbenzene	0.81				ug/m3			11/24/20 14:59	
1,3-Butadiene	ND		0.35		ug/m3			11/24/20 14:59	
1,3-Dichlorobenzene	ND		0.48		ug/m3			11/24/20 14:59	
1,4-Dichlorobenzene	0.26	J	0.48	0.096	ug/m3			11/24/20 14:59	

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - STORAGE

Lab Sample ID: 140-21090-1 Date Collected: 11/19/20 09:57

Matrix: Air

Date Received: 11/20/20 09:00

Analyte	Result Qualifier	RL _		Unit	D Prepared	Analyzed	Dil Fa
2,2,4-Trimethylpentane	3.2	0.93		ug/m3		11/24/20 14:59	
2,3-Dimethylpentane	0.66	0.33		ug/m3		11/24/20 14:59	
2-Butanone (MEK)	2.2	0.94		ug/m3		11/24/20 14:59	
2-Hexanone	0.13 J	0.82		ug/m3		11/24/20 14:59	
2-Methylbutane	39	0.59		ug/m3		11/24/20 14:59	
2-Methylpentane	6.0	0.28	0.049	ug/m3		11/24/20 14:59	
4-Ethyltoluene	0.84	0.79	0.10	ug/m3		11/24/20 14:59	
4-Methyl-2-pentanone (MIBK)	ND	0.82	0.22	ug/m3		11/24/20 14:59	
Acetone	20 O L J	4.8	1.4	ug/m3		11/24/20 14:59	
Benzene	2.0	0.26	0.026	ug/m3		11/24/20 14:59	
Benzyl chloride	ND	0.83	0.20	ug/m3		11/24/20 14:59	
Bromodichloromethane	ND	0.54	0.12	ug/m3		11/24/20 14:59	
Bromoform	ND	0.83	0.093	ug/m3		11/24/20 14:59	
Bromomethane	ND	0.31	0.085	ug/m3		11/24/20 14:59	
Carbon disulfide	0.066 J	0.62	0.034	ug/m3		11/24/20 14:59	
Carbon tetrachloride	0.54	0.20	0.044	ug/m3		11/24/20 14:59	
Chlorobenzene	0.028 J	0.37	0.028	ug/m3		11/24/20 14:59	
Chloroethane	ND	0.21	0.077	ug/m3		11/24/20 14:59	
Chloroform	2.4	0.39		ug/m3		11/24/20 14:59	
Chloromethane	1.3 81	0.41		ug/m3		11/24/20 14:59	
cis-1,2-Dichloroethene	0.052 J	0.16		ug/m3		11/24/20 14:59	
cis-1,3-Dichloropropene	ND	0.36		ug/m3		11/24/20 14:59	
Cyclohexane	1.5	0.69		ug/m3		11/24/20 14:59	
Dibromochloromethane	ND	0.68		ug/m3		11/24/20 14:59	
Dichlorodifluoromethane	1.0 J	0.40		ug/m3		11/24/20 14:59	
Ethylbenzene	1.7	0.35		ug/m3		11/24/20 14:59	
Heptane	1.5	0.82		ug/m3		11/24/20 14:59	
Hexachlorobutadiene	ND	0.85		ug/m3		11/24/20 14:59	
Hexane	4.1	0.70		ug/m3		11/24/20 14:59	
ndane	0.20 J	0.39		ug/m3		11/24/20 14:59	
ndene	ND	0.76		ug/m3		11/24/20 14:59	
sopropyl alcohol	38	2.0		ug/m3		11/24/20 14:59	
sopropylbenzene	0.21 J	0.79		ug/m3		11/24/20 14:59	
Methyl tert-butyl ether	ND	0.58		ug/m3		11/24/20 14:59	
Methylene Chloride	5.4	1.4		ug/m3		11/24/20 14:59	
m-Xylene & p-Xylene	5.5	0.35		ug/m3		11/24/20 14:59	
Naphthalene	ND	1.0		ug/m3		11/24/20 14:59	
1-Butane	33	0.38		ug/m3		11/24/20 14:59	
1-Decane	16	2.3		ug/m3		11/24/20 14:59	
n-Decane n-Dodecane	2.1 J	2.8		ug/m3		11/24/20 14:59	
1-Dodecane 1-Octane	0.82	0.75		ug/m3		11/24/20 14:59	
Nonane	9.0	1.0		ug/m3		11/24/20 14:59	
vonane n-Undecane		2.6		ug/m3		11/24/20 14:59	
	6.4	0.35		ug/m3			
o-Xylene	2.0					11/24/20 14:59	
Pentane	17	1.2		ug/m3		11/24/20 14:59	
Propene	2.7 J	1.7		ug/m3		11/24/20 14:59	
Styrene Tetrachloroethene	0.60 0.38 J	0.34 0.54		ug/m3 ug/m3		11/24/20 14:59 11/24/20 14:59	

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - STORAGE

Lab Sample ID: 140-21090-1 Date Collected: 11/19/20 09:57

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
0.10	J	1.2	0.050	ug/m3			11/24/20 14:59	1
ND		0.28	0.038	ug/m3			11/24/20 14:59	1
5.1		0.45	0.29	ug/m3			11/24/20 14:59	1
ND		0.32	0.028	ug/m3			11/24/20 14:59	1
ND		0.36	0.041	ug/m3			11/24/20 14:59	1
1.0		0.19	0.032	ug/m3			11/24/20 14:59	1
1.5		0.45	0.062	ug/m3			11/24/20 14:59	1
ND		0.10	0.066	ug/m3			11/24/20 14:59	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
100		60 - 140			-		11/24/20 14:59	1
	0.10 ND 5.1 ND ND 1.0 1.5 ND	5.1 ND ND 1.0 1.5 ND %Recovery Qualifier	0.10 J 1.2 ND 0.28 5.1 0.45 ND 0.32 ND 0.36 1.0 0.19 1.5 0.45 ND 0.10 %Recovery Qualifier Limits	0.10 J 1.2 0.050 ND 0.28 0.038 5.1 0.45 0.29 ND 0.32 0.028 ND 0.36 0.041 1.0 0.19 0.032 1.5 0.45 0.062 ND 0.10 0.066 %Recovery Qualifier Limits	0.10 J 1.2 0.050 ug/m3 ND 0.28 0.038 ug/m3 5.1 0.45 0.29 ug/m3 ND 0.32 0.028 ug/m3 ND 0.36 0.041 ug/m3 1.0 0.19 0.032 ug/m3 1.5 0.45 0.062 ug/m3 ND 0.10 0.066 ug/m3 %Recovery Qualifier Limits	0.10 J 1.2 0.050 ug/m3 ND 0.28 0.038 ug/m3 5.1 0.45 0.29 ug/m3 ND 0.32 0.028 ug/m3 ND 0.36 0.041 ug/m3 1.0 0.19 0.032 ug/m3 1.5 0.45 0.062 ug/m3 ND 0.10 0.066 ug/m3 %Recovery Qualifier Limits	0.10 J 1.2 0.050 ug/m3 ND 0.28 0.038 ug/m3 5.1 0.45 0.29 ug/m3 ND 0.32 0.028 ug/m3 ND 0.36 0.041 ug/m3 1.0 0.19 0.032 ug/m3 1.5 0.45 0.062 ug/m3 ND 0.10 0.066 ug/m3 **Recovery Qualifier Limits **Prepared	0.10 J 1.2 0.050 ug/m3 11/24/20 14:59 ND 0.28 0.038 ug/m3 11/24/20 14:59 5.1 0.45 0.29 ug/m3 11/24/20 14:59 ND 0.32 0.028 ug/m3 11/24/20 14:59 ND 0.36 0.041 ug/m3 11/24/20 14:59 1.0 0.19 0.032 ug/m3 11/24/20 14:59 1.5 0.45 0.062 ug/m3 11/24/20 14:59 ND 0.10 0.066 ug/m3 11/24/20 14:59 %Recovery Qualifier Limits Prepared Analyzed

Client Sample ID: HPL - MEETING RM

Lab Sample ID: 140-21090-2 Date Collected: 11/19/20 09:43 Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080	0.037	ppb v/v			11/24/20 15:51	1
1,1,2,2-Tetrachloroethane	ND		0.080	0.014	ppb v/v			11/24/20 15:51	1
1,1,2-Trichloro-1,2,2-trifluoroetha	0.084		0.080	0.0080	ppb v/v			11/24/20 15:51	1
ne									
1,1,2-Trichloroethane	ND		0.080		ppb v/v			11/24/20 15:51	1
1,1-Dichloroethane	ND		0.080		ppb v/v			11/24/20 15:51	1
1,1-Dichloroethene	ND		0.040		ppb v/v			11/24/20 15:51	1
1,2,3-Trimethylbenzene	ND		0.080	0.036	ppb v/v			11/24/20 15:51	1
1,2,4-Trichlorobenzene	ND		0.080	0.064	ppb v/v			11/24/20 15:51	1
1,2,4-Trimethylbenzene	0.054	J	0.080	0.020	ppb v/v			11/24/20 15:51	1
1,2-Dibromoethane (EDB)	ND		0.080	0.0070	ppb v/v			11/24/20 15:51	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.080	0.012	ppb v/v			11/24/20 15:51	1
1,2-Dichlorobenzene	ND		0.080	0.031	ppb v/v			11/24/20 15:51	1
1,2-Dichloroethane	0.021	J	0.080	0.010	ppb v/v			11/24/20 15:51	1
1,2-Dichloropropane	0.011	J	0.080	0.010	ppb v/v			11/24/20 15:51	1
1,3,5-Trimethylbenzene	0.022	J	0.080	0.022	ppb v/v			11/24/20 15:51	1
1,3-Butadiene	ND		0.16	0.019	ppb v/v			11/24/20 15:51	1
1,3-Dichlorobenzene	ND		0.080	0.016	ppb v/v			11/24/20 15:51	1
1,4-Dichlorobenzene	0.027	J	0.080	0.016	ppb v/v			11/24/20 15:51	1
1,4-Dioxane	ND		0.20	0.030	ppb v/v			11/24/20 15:51	1
2,2,4-Trimethylpentane	0.15	J	0.20	0.0080	ppb v/v			11/24/20 15:51	1
2,3-Dimethylpentane	0.035	J	0.080	0.026	ppb v/v			11/24/20 15:51	1
2-Butanone (MEK)	0.37		0.32	0.073	ppb v/v			11/24/20 15:51	1
2-Hexanone	ND		0.20	0.016	ppb v/v			11/24/20 15:51	1
2-Methylbutane	1.4		0.20		ppb v/v			11/24/20 15:51	1
2-Methylpentane	0.22		0.080	0.014	ppb v/v			11/24/20 15:51	1
4-Ethyltoluene	0.027	J	0.16	0.021	ppb v/v			11/24/20 15:51	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			11/24/20 15:51	1
Acetone	3.6	SL J	2.0		ppb v/v			11/24/20 15:51	1
Benzene	0.30		0.080		ppb v/v			11/24/20 15:51	1

Page 18 of 634

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - MEETING RM

Lab Sample ID: 140-21090-2

Date Collected: 11/19/20 09:43 Matrix: Air Date Received: 11/20/20 09:00

Analyte		Qualifier	RL _	MDL		<u>D</u> .	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		0.16		ppb v/v			11/24/20 15:51	
Bromodichloromethane	0.11		0.080		ppb v/v			11/24/20 15:51	1
Bromoform	ND		0.080		ppb v/v			11/24/20 15:51	1
Bromomethane	0.023	J	0.080	0.022	ppb v/v			11/24/20 15:51	1
Carbon disulfide	0.79	J	0.20	0.011	ppb v/v			11/24/20 15:51	1
Carbon tetrachloride	0.090		0.032	0.0070	ppb v/v			11/24/20 15:51	1
Chlorobenzene	0.0066	J	0.080	0.0060	ppb v/v			11/24/20 15:51	1
Chloroethane	ND		0.080	0.029	ppb v/v			11/24/20 15:51	1
Chloroform	1.4		0.080	0.0070	ppb v/v			11/24/20 15:51	1
Chloromethane	0.66		0.20	0.066	ppb v/v			11/24/20 15:51	1
cis-1,2-Dichloroethene	ND		0.040	0.010	ppb v/v			11/24/20 15:51	1
cis-1,3-Dichloropropene	ND		0.080	0.016	ppb v/v			11/24/20 15:51	1
Cyclohexane	0.092	J	0.20	0.023	ppb v/v			11/24/20 15:51	1
Dibromochloromethane	0.019	J	0.080	0.0070	ppb v/v			11/24/20 15:51	1
Dichlorodifluoromethane	0.23	J	0.080		ppb v/v			11/24/20 15:51	1
Ethylbenzene	0.079		0.080	0.013	ppb v/v			11/24/20 15:51	1
Heptane	0.099		0.20	0.014	ppb v/v			11/24/20 15:51	1
Hexachlorobutadiene	ND		0.080	0.032	ppb v/v			11/24/20 15:51	1
Hexane	0.30		0.20		ppb v/v			11/24/20 15:51	1
Indane	ND		0.080		ppb v/v			11/24/20 15:51	1
Indene	ND		0.16		ppb v/v			11/24/20 15:51	1
Isopropyl alcohol	3.5		0.80		ppb v/v			11/24/20 15:51	1
Isopropylbenzene	ND		0.16		ppb v/v			11/24/20 15:51	
Methyl tert-butyl ether	ND		0.16		ppb v/v			11/24/20 15:51	1
Methylene Chloride	0.52	J	0.40		ppb v/v			11/24/20 15:51	1
m-Xylene & p-Xylene	0.25	<mark></mark>	0.080		ppb v/v			11/24/20 15:51	1
Naphthalene	ND		0.20		ppb v/v			11/24/20 15:51	1
n-Butane	2.3		0.16		ppb v/v			11/24/20 15:51	1
n-Decane	0.14		0.40		ppb v/v			11/24/20 15:51	· · · · · · · · 1
n-Dodecane	ND		0.40		ppb v/v			11/24/20 15:51	1
n-Octane	0.048	4	0.16		ppb v/v			11/24/20 15:51	
Nonane	0.042		0.20		ppb v/v			11/24/20 15:51	
n-Undecane	ND	•	0.40		ppb v/v			11/24/20 15:51	
o-Xylene	0.092		0.080		ppb v/v			11/24/20 15:51	1
Pentane	0.092		0.40		ppb v/v			11/24/20 15:51	
Propene	ND		1.0		ppb v/v			11/24/20 15:51	1
Styrene	ND ND		0.080		ppb v/v			11/24/20 15:51	1
			0.080		ppb v/v			11/24/20 15:51	
Tetrachloroethene	0.024		0.40						
Tetrahydrofuran Thiophene	0.022 ND	J	0.40		ppb v/v ppb v/v			11/24/20 15:51 11/24/20 15:51	1
Toluene			0.000					11/24/20 15:51	' 1
trans-1,2-Dichloroethene	0.51 ND		0.12		ppb v/v			11/24/20 15:51	1
•	ND ND		0.080		ppb v/v			11/24/20 15:51	1
trans-1,3-Dichloropropene					ppb v/v			11/24/20 15:51	۱
Trichloroethene	ND		0.036		• •				1
Trichlorofluoromethane	0.30		0.080		ppb v/v			11/24/20 15:51	1
Vinyl chloride	ND		0.040	0.026	ppb v/v			11/24/20 15:51	1
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44	0.20	ug/m3			11/24/20 15:51	1

Client: ARCADIS U.S. Inc Job ID: 140-21090-1

Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - MEETING RM

Lab Sample ID: 140-21090-2 Date Collected: 11/19/20 09:43 Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyze
l	Method: TO 15 LL - Volatile Or	ganic Com _l	pounds ir	n Ambient Air	, Low Co	oncentra	ation (GC/MS) (Con	tinued)

Analyte		Qualifier	RL _	MDL		<u>D</u> .	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			11/24/20 15:51	1
1,1,2-Trichloro-1,2,2-trifluoroetha	0.64		0.61	0.061	ug/m3			11/24/20 15:51	1
ne									
1,1,2-Trichloroethane	ND		0.44		ug/m3			11/24/20 15:51	1
1,1-Dichloroethane	ND		0.32		ug/m3			11/24/20 15:51	1
1,1-Dichloroethene	ND		0.16		ug/m3			11/24/20 15:51	
1,2,3-Trimethylbenzene	ND		0.39		ug/m3			11/24/20 15:51	,
1,2,4-Trichlorobenzene	ND	_	0.59		ug/m3			11/24/20 15:51	•
1,2,4-Trimethylbenzene	0.27		0.39		ug/m3			11/24/20 15:51	
1,2-Dibromoethane (EDB)	ND		0.61		ug/m3			11/24/20 15:51	•
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.56		ug/m3			11/24/20 15:51	•
1,2-Dichlorobenzene	ND		0.48		ug/m3			11/24/20 15:51	
1,2-Dichloroethane	0.084		0.32		ug/m3			11/24/20 15:51	1
1,2-Dichloropropane	0.052		0.37		ug/m3			11/24/20 15:51	1
1,3,5-Trimethylbenzene	0.11	J	0.39		ug/m3			11/24/20 15:51	
1,3-Butadiene	ND		0.35		ug/m3			11/24/20 15:51	•
1,3-Dichlorobenzene	ND		0.48		ug/m3			11/24/20 15:51	•
1,4-Dichlorobenzene	0.16	. J	0.48		ug/m3			11/24/20 15:51	
1,4-Dioxane	ND		0.72		ug/m3			11/24/20 15:51	,
2,2,4-Trimethylpentane	0.70		0.93		ug/m3			11/24/20 15:51	•
2,3-Dimethylpentane	0.14	. J	0.33		ug/m3			11/24/20 15:51	
2-Butanone (MEK)	1.1		0.94		ug/m3			11/24/20 15:51	•
2-Hexanone	ND		0.82		ug/m3			11/24/20 15:51	,
2-Methylbutane	4.0		0.59		ug/m3			11/24/20 15:51	1
2-Methylpentane	0.77		0.28		ug/m3			11/24/20 15:51	1
4-Ethyltoluene	0.13	J	0.79		ug/m3			11/24/20 15:51	•
4-Methyl-2-pentanone (MIBK)	ND.		0.82		ug/m3			11/24/20 15:51	
Acetone	8.6	of 1	4.8		ug/m3			11/24/20 15:51	•
Benzene	0.96	•	0.26		ug/m3			11/24/20 15:51	•
Benzyl chloride	ND		0.83		ug/m3			11/24/20 15:51	
Bromodichloromethane	0.75		0.54		ug/m3			11/24/20 15:51	•
Bromoform	ND		0.83		ug/m3			11/24/20 15:51	•
Bromomethane	0.090	J	0.31		ug/m3			11/24/20 15:51	
Carbon disulfide	2.5	J	0.62		ug/m3			11/24/20 15:51	•
Carbon tetrachloride	0.57		0.20		ug/m3			11/24/20 15:51	•
Chlorobenzene	0.030	J	0.37		ug/m3			11/24/20 15:51	
Chloroethane	ND		0.21		ug/m3			11/24/20 15:51	•
Chloroform	6.7		0.39		ug/m3			11/24/20 15:51	•
Chloromethane	1.4		0.41		ug/m3			11/24/20 15:51	
cis-1,2-Dichloroethene	ND		0.16		ug/m3			11/24/20 15:51	•
cis-1,3-Dichloropropene	ND		0.36		ug/m3			11/24/20 15:51	•
Cyclohexane	0.32		0.69		ug/m3			11/24/20 15:51	
Dibromochloromethane	0.16	J	0.68		ug/m3			11/24/20 15:51	•
Dichlorodifluoromethane	1.2	J	0.40		ug/m3			11/24/20 15:51	•
Ethylbenzene	0.34		0.35		ug/m3			11/24/20 15:51	
Heptane	0.40	J	0.82		ug/m3			11/24/20 15:51	•
Hexachlorobutadiene	ND		0.85		ug/m3			11/24/20 15:51	•
Hexane	1.1		0.70		ug/m3			11/24/20 15:51	
Indane	ND		0.39	0.17	ug/m3			11/24/20 15:51	1

Eurofins TestAmerica, Knoxville

Client: ARCADIS U.S. Inc Job ID: 140-21090-1

Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - MEETING RM

Lab Sample ID: 140-21090-2 Date Collected: 11/19/20 09:43 **Matrix: Air**

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indene	ND		0.76	0.19	ug/m3			11/24/20 15:51	1
Isopropyl alcohol	8.7		2.0	0.54	ug/m3			11/24/20 15:51	1
Isopropylbenzene	ND		0.79	0.084	ug/m3			11/24/20 15:51	1
Methyl tert-butyl ether	ND		0.58	0.19	ug/m3			11/24/20 15:51	1
Methylene Chloride	1.8	J	1.4	1.4	ug/m3			11/24/20 15:51	1
m-Xylene & p-Xylene	1.1		0.35	0.13	ug/m3			11/24/20 15:51	1
Naphthalene	ND		1.0	0.40	ug/m3			11/24/20 15:51	1
n-Butane	5.5		0.38	0.20	ug/m3			11/24/20 15:51	1
n-Decane	0.84	J	2.3	0.22	ug/m3			11/24/20 15:51	1
n-Dodecane	ND		2.8	0.45	ug/m3			11/24/20 15:51	1
n-Octane	0.23	J	0.75	0.075	ug/m3			11/24/20 15:51	1
Nonane	0.22	J	1.0	0.094	ug/m3			11/24/20 15:51	1
n-Undecane	ND		2.6	0.31	ug/m3			11/24/20 15:51	1
o-Xylene	0.40		0.35	0.065	ug/m3			11/24/20 15:51	1
Pentane	2.1		1.2	0.23	ug/m3			11/24/20 15:51	1
Propene	ND		1.7	1.7	ug/m3			11/24/20 15:51	1
Styrene	ND		0.34	0.10	ug/m3			11/24/20 15:51	1
Tetrachloroethene	0.16	J	0.54	0.047	ug/m3			11/24/20 15:51	1
Tetrahydrofuran	0.066	J	1.2	0.050	ug/m3			11/24/20 15:51	1
Thiophene	ND		0.28	0.038	ug/m3			11/24/20 15:51	1
Toluene	1.9		0.45	0.29	ug/m3			11/24/20 15:51	1
trans-1,2-Dichloroethene	ND		0.32	0.028	ug/m3			11/24/20 15:51	1
trans-1,3-Dichloropropene	ND		0.36	0.041	ug/m3			11/24/20 15:51	1
Trichloroethene	ND		0.19	0.032	ug/m3			11/24/20 15:51	1
Trichlorofluoromethane	1.7		0.45	0.062	ug/m3			11/24/20 15:51	1
Vinyl chloride	ND		0.10	0.066	ug/m3			11/24/20 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		60 - 140			•		11/24/20 15:51	1

Client Sample ID: HPL - COMPACTOR RM

Date Collected: 11/19/20 09:52 Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Lab Sample ID: 140-21090-3

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080	0.037	ppb v/v			11/24/20 16:42	1
1,1,2,2-Tetrachloroethane	ND		0.080	0.014	ppb v/v			11/24/20 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroetha	0.081		0.080	0.0080	ppb v/v			11/24/20 16:42	1
ne									
1,1,2-Trichloroethane	ND		0.080	0.0070	ppb v/v			11/24/20 16:42	1
1,1-Dichloroethane	ND		0.080	0.0070	ppb v/v			11/24/20 16:42	1
1,1-Dichloroethene	ND		0.040	0.0080	ppb v/v			11/24/20 16:42	1
1,2,3-Trimethylbenzene	ND		0.080	0.036	ppb v/v			11/24/20 16:42	1
1,2,4-Trichlorobenzene	ND		0.080	0.064	ppb v/v			11/24/20 16:42	1
1,2,4-Trimethylbenzene	0.077	J	0.080	0.020	ppb v/v			11/24/20 16:42	1
1,2-Dibromoethane (EDB)	ND		0.080	0.0070	ppb v/v			11/24/20 16:42	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.080	0.012	ppb v/v			11/24/20 16:42	1

Page 21 of 634

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - COMPACTOR RM

Lab Sample ID: 140-21090-3 Date Collected: 11/19/20 09:52 Matrix: Air

Date Received: 11/20/20 09:00

Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.080	0.031	ppb v/v			11/24/20 16:42	1
1,2-Dichloroethane	0.027	J	0.080	0.010	ppb v/v			11/24/20 16:42	1
1,2-Dichloropropane	ND		0.080	0.010	ppb v/v			11/24/20 16:42	1
1,3,5-Trimethylbenzene	0.036	J	0.080	0.022	ppb v/v			11/24/20 16:42	1
1,3-Butadiene	ND		0.16	0.019	ppb v/v			11/24/20 16:42	1
1,3-Dichlorobenzene	ND		0.080	0.016	ppb v/v			11/24/20 16:42	1
1,4-Dichlorobenzene	0.14		0.080	0.016	ppb v/v			11/24/20 16:42	1
1,4-Dioxane	ND		0.20	0.030	ppb v/v			11/24/20 16:42	1
2,2,4-Trimethylpentane	0.093	J	0.20	0.0080	ppb v/v			11/24/20 16:42	1
2,3-Dimethylpentane	0.031	J	0.080	0.026	ppb v/v			11/24/20 16:42	1
2-Butanone (MEK)	0.23	J	0.32	0.073	ppb v/v			11/24/20 16:42	1
2-Hexanone	ND		0.20	0.016	ppb v/v			11/24/20 16:42	1
2-Methylbutane	1.8		0.20	0.063	ppb v/v			11/24/20 16:42	1
2-Methylpentane	0.25		0.080	0.014	ppb v/v			11/24/20 16:42	1
4-Ethyltoluene	0.033	J	0.16	0.021	ppb v/v			11/24/20 16:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			11/24/20 16:42	1
Acetone	4.7		2.0	0.57	ppb v/v			11/24/20 16:42	1
Benzene	0.22		0.080		ppb v/v			11/24/20 16:42	1
Benzyl chloride	ND		0.16		ppb v/v			11/24/20 16:42	1
Bromodichloromethane	ND		0.080		ppb v/v			11/24/20 16:42	1
Bromoform	ND		0.080		ppb v/v			11/24/20 16:42	1
Bromomethane	ND		0.080		ppb v/v			11/24/20 16:42	1
Carbon disulfide	0.017		0.20		ppb v/v			11/24/20 16:42	1
Carbon tetrachloride	0.084		0.032		ppb v/v			11/24/20 16:42	1
Chlorobenzene	0.0062	J	0.080		ppb v/v			11/24/20 16:42	1
Chloroethane	ND		0.080		ppb v/v			11/24/20 16:42	1
Chloroform	0.13		0.080		ppb v/v			11/24/20 16:42	1
Chloromethane	0.71		0.20		ppb v/v			11/24/20 16:42	1
cis-1,2-Dichloroethene	ND		0.040		ppb v/v			11/24/20 16:42	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			11/24/20 16:42	1
Cyclohexane	0.11	a.	0.20		ppb v/v			11/24/20 16:42	1
Dibromochloromethane	ND		0.080		ppb v/v			11/24/20 16:42	
Dichlorodifluoromethane	0.23	J	0.080		ppb v/v			11/24/20 16:42	1
Ethylbenzene	0.070	_	0.080		ppb v/v			11/24/20 16:42	1
Heptane	0.10		0.20		ppb v/v			11/24/20 16:42	· · · · · · · · · · · · · · · · · · ·
Hexachlorobutadiene	ND	•	0.080		ppb v/v			11/24/20 16:42	1
Hexane	0.35		0.20		ppb v/v			11/24/20 16:42	1
Indane	ND		0.080		ppb v/v			11/24/20 16:42	· · · · · · · · · · · · · · · · · · ·
Indene	ND		0.16		ppb v/v			11/24/20 16:42	1
Isopropyl alcohol	17		0.80		ppb v/v			11/24/20 16:42	1
Isopropylbenzene	ND		0.16		ppb v/v			11/24/20 16:42	· · · · · · · · · · · · · · · · · · ·
Methyl tert-butyl ether	ND		0.16		ppb v/v			11/24/20 16:42	1
Methylene Chloride	1.6		0.10		ppb v/v			11/24/20 16:42	1
			0.40		ppb v/v				
m-Xylene & p-Xylene	0.22 ND		0.080		ppb v/v			11/24/20 16:42	1
Naphthalene								11/24/20 16:42	1
n-Butane	3.1	<mark>.</mark>	0.16		ppb v/v			11/24/20 16:42	1
n-Decane	0.21	J	0.40		ppb v/v			11/24/20 16:42	1
n-Dodecane	ND		0.40	0.064	ppb v/v			11/24/20 16:42	1

Client: ARCADIS U.S. Inc Job ID: 140-21090-1

Client Sample ID: HPL - COMPACTOR RM Lab Sample ID: 140-21090-3 Date Collected: 11/19/20 09:52

Matrix: Air

Date Received: 11/20/20 09:00

Project/Site: ConEd Haven Plaza

Analyte		Qualifier	RL _	MDL		D	Prepared	Analyzed	Dil Fa
n-Octane	0.059	J	0.16	0.016	ppb v/v			11/24/20 16:42	
Nonane	0.099	J	0.20	0.018	ppb v/v			11/24/20 16:42	
n-Undecane	0.064	J	0.40	0.048	ppb v/v			11/24/20 16:42	
o-Xylene	0.087		0.080		ppb v/v			11/24/20 16:42	
Pentane	0.89		0.40	0.079	ppb v/v			11/24/20 16:42	
Propene	ND		1.0	1.0	ppb v/v			11/24/20 16:42	
Styrene	0.024	J	0.080	0.024	ppb v/v			11/24/20 16:42	
Tetrachloroethene	0.026	J	0.080	0.0070	ppb v/v			11/24/20 16:42	
Tetrahydrofuran	ND		0.40	0.017	ppb v/v			11/24/20 16:42	
Thiophene	ND		0.080	0.011	ppb v/v			11/24/20 16:42	
Toluene	0.41		0.12	0.078	ppb v/v			11/24/20 16:42	
trans-1,2-Dichloroethene	ND		0.080	0.0070	ppb v/v			11/24/20 16:42	
trans-1,3-Dichloropropene	ND		0.080	0.0090	ppb v/v			11/24/20 16:42	
Trichloroethene	0.015	J	0.036	0.0060	ppb v/v			11/24/20 16:42	
Trichlorofluoromethane	0.30		0.080		ppb v/v			11/24/20 16:42	
Vinyl chloride	ND		0.040	0.026	ppb v/v			11/24/20 16:42	
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
1,1,1-Trichloroethane	ND		0.44		ug/m3	— <u> </u>		11/24/20 16:42	
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			11/24/20 16:42	
1,1,2-Trichloro-1,2,2-trifluoroetha	0.62		0.61		ug/m3			11/24/20 16:42	
ne	0.02		0.01	0.001	agniio			11/2 1/20 10:12	
1,1,2-Trichloroethane	ND		0.44	0.038	ug/m3			11/24/20 16:42	
1,1-Dichloroethane	ND		0.32	0.028	ug/m3			11/24/20 16:42	
1,1-Dichloroethene	ND		0.16	0.032	ug/m3			11/24/20 16:42	
1,2,3-Trimethylbenzene	ND		0.39	0.18	ug/m3			11/24/20 16:42	
1,2,4-Trichlorobenzene	ND		0.59	0.47	ug/m3			11/24/20 16:42	
1,2,4-Trimethylbenzene	0.38	J	0.39	0.098	ug/m3			11/24/20 16:42	
1,2-Dibromoethane (EDB)	ND		0.61	0.054	ug/m3			11/24/20 16:42	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.56	0.084	ug/m3			11/24/20 16:42	
1,2-Dichlorobenzene	ND		0.48	0.19	ug/m3			11/24/20 16:42	
1,2-Dichloroethane	0.11	J	0.32	0.040	ug/m3			11/24/20 16:42	
1,2-Dichloropropane	ND		0.37	0.046	ug/m3			11/24/20 16:42	
1,3,5-Trimethylbenzene	0.18	J	0.39	0.11	ug/m3			11/24/20 16:42	
1,3-Butadiene	ND		0.35	0.042	ug/m3			11/24/20 16:42	
1,3-Dichlorobenzene	ND		0.48	0.096	ug/m3			11/24/20 16:42	
1,4-Dichlorobenzene	0.84		0.48		ug/m3			11/24/20 16:42	
1,4-Dioxane	ND		0.72		ug/m3			11/24/20 16:42	
2,2,4-Trimethylpentane	0.43	J	0.93		ug/m3			11/24/20 16:42	
2,3-Dimethylpentane	0.13		0.33		ug/m3			11/24/20 16:42	
2-Butanone (MEK)	0.68		0.94		ug/m3			11/24/20 16:42	
2-Hexanone	ND		0.82		ug/m3			11/24/20 16:42	
2-Methylbutane	5.3		0.59		ug/m3			11/24/20 16:42	
2-Methylpentane	0.89		0.28		ug/m3			11/24/20 16:42	
4-Ethyltoluene	0.16	J	0.79		ug/m3			11/24/20 16:42	
4-Methyl-2-pentanone (MIBK)	ND	-	0.82		ug/m3			11/24/20 16:42	
Acetone	11		4.8		ug/m3			11/24/20 16:42	
Benzene	0.69		0.26		ug/m3			11/24/20 16:42	
Benzyl chloride	ND		0.83		ug/m3			11/24/20 16:42	

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: HPL - COMPACTOR RM

Lab Sample ID: 140-21090-3

Date Collected: 11/19/20 09:52 Matrix: Air Date Received: 11/20/20 09:00

Analyte		Qualifier	RL	MDL		_ D _	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.54	0.12	ug/m3			11/24/20 16:42	
Bromoform	ND		0.83		ug/m3			11/24/20 16:42	1
Bromomethane	ND		0.31	0.085	ug/m3			11/24/20 16:42	1
Carbon disulfide	0.052	J	0.62	0.034	ug/m3			11/24/20 16:42	1
Carbon tetrachloride	0.53		0.20	0.044	ug/m3			11/24/20 16:42	1
Chlorobenzene	0.028	J	0.37	0.028	ug/m3			11/24/20 16:42	1
Chloroethane	ND		0.21	0.077	ug/m3			11/24/20 16:42	1
Chloroform	0.64		0.39	0.034	ug/m3			11/24/20 16:42	1
Chloromethane	1.5		0.41	0.14	ug/m3			11/24/20 16:42	1
cis-1,2-Dichloroethene	ND		0.16	0.040	ug/m3			11/24/20 16:42	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			11/24/20 16:42	1
Cyclohexane	0.37	J	0.69		ug/m3			11/24/20 16:42	1
Dibromochloromethane	ND	- F	0.68		ug/m3			11/24/20 16:42	
Dichlorodifluoromethane	1.1	J	0.40		ug/m3			11/24/20 16:42	
Ethylbenzene	0.30		0.35		ug/m3			11/24/20 16:42	
Heptane	0.42		0.82		ug/m3			11/24/20 16:42	
Hexachlorobutadiene	ND		0.85		ug/m3			11/24/20 16:42	,
Hexane	1.2		0.70		ug/m3			11/24/20 16:42	
Indane	ND		0.39		ug/m3			11/24/20 16:42	'
Indene	ND		0.76		ug/m3			11/24/20 16:42	,
	42		2.0		ug/m3			11/24/20 16:42	,
Isopropyl alcohol	ND		0.79		ug/m3			11/24/20 16:42	
Isopropylbenzene	ND ND		0.79		-			11/24/20 16:42	
Methyl tert-butyl ether					ug/m3				1
Methylene Chloride	5.5		1.4		ug/m3			11/24/20 16:42	
m-Xylene & p-Xylene	0.97		0.35		ug/m3			11/24/20 16:42	
Naphthalene	ND		1.0		ug/m3			11/24/20 16:42	1
n-Butane	7.4		0.38		ug/m3			11/24/20 16:42	
n-Decane	1.2	J	2.3		ug/m3			11/24/20 16:42	1
n-Dodecane	ND		2.8		ug/m3			11/24/20 16:42	1
n-Octane	0.28		0.75		ug/m3			11/24/20 16:42	1
Nonane	0.52		1.0		ug/m3			11/24/20 16:42	1
n-Undecane	0.41	J	2.6		ug/m3			11/24/20 16:42	1
o-Xylene	0.38		0.35	0.065	ug/m3			11/24/20 16:42	1
Pentane	2.6		1.2		ug/m3			11/24/20 16:42	1
Propene	ND		1.7	1.7	ug/m3			11/24/20 16:42	1
Styrene	0.10	J	0.34		ug/m3			11/24/20 16:42	1
Tetrachloroethene	0.18	J	0.54	0.047	ug/m3			11/24/20 16:42	1
Tetrahydrofuran	ND		1.2	0.050	ug/m3			11/24/20 16:42	1
Thiophene	ND		0.28	0.038	ug/m3			11/24/20 16:42	1
Toluene	1.6		0.45	0.29	ug/m3			11/24/20 16:42	1
trans-1,2-Dichloroethene	ND		0.32	0.028	ug/m3			11/24/20 16:42	1
trans-1,3-Dichloropropene	ND		0.36	0.041	ug/m3			11/24/20 16:42	1
Trichloroethene	0.083	J	0.19	0.032	ug/m3			11/24/20 16:42	1
Trichlorofluoromethane	1.7		0.45		ug/m3			11/24/20 16:42	1
Vinyl chloride	ND		0.10		ug/m3			11/24/20 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: DUP - 111820

Lab Sample ID: 140-21090-4

Matrix: Air

Date Collected: 11/19/20 00:00 Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Analyte		Qualifier	RL _	MDL		<u>D</u> .	Prepared	Analyzed	Dil F
1,1,1-Trichloroethane	ND		0.080	0.037	ppb v/v			11/24/20 17:34	
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			11/24/20 17:34	
1,1,2-Trichloro-1,2,2-trifluoroetha	0.077	J	0.080	0.0080	ppb v/v			11/24/20 17:34	
ne									
1,1,2-Trichloroethane	ND		0.080		ppb v/v			11/24/20 17:34	
1,1-Dichloroethane	ND		0.080		ppb v/v			11/24/20 17:34	
1,1-Dichloroethene	ND		0.040		ppb v/v			11/24/20 17:34	
1,2,3-Trimethylbenzene	ND		0.080		ppb v/v			11/24/20 17:34	
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			11/24/20 17:34	
1,2,4-Trimethylbenzene	0.077	J	0.080		ppb v/v			11/24/20 17:34	
1,2-Dibromoethane (EDB)	ND		0.080	0.0070	ppb v/v			11/24/20 17:34	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.080	0.012	ppb v/v			11/24/20 17:34	
1,2-Dichlorobenzene	ND		0.080	0.031	ppb v/v			11/24/20 17:34	
1,2-Dichloroethane	0.022	J	0.080	0.010	ppb v/v			11/24/20 17:34	
1,2-Dichloropropane	ND		0.080	0.010	ppb v/v			11/24/20 17:34	
1,3,5-Trimethylbenzene	0.037	J	0.080	0.022	ppb v/v			11/24/20 17:34	
1,3-Butadiene	ND		0.16	0.019	ppb v/v			11/24/20 17:34	
1,3-Dichlorobenzene	ND		0.080	0.016	ppb v/v			11/24/20 17:34	
1,4-Dichlorobenzene	0.037	J	0.080	0.016	ppb v/v			11/24/20 17:34	
1,4-Dioxane	ND		0.20	0.030	ppb v/v			11/24/20 17:34	
2,2,4-Trimethylpentane	0.16	J	0.20	0.0080	ppb v/v			11/24/20 17:34	
2,3-Dimethylpentane	0.034	J	0.080	0.026	ppb v/v			11/24/20 17:34	
2-Butanone (MEK)	0.22		0.32		ppb v/v			11/24/20 17:34	
2-Hexanone	ND		0.20		ppb v/v			11/24/20 17:34	
2-Methylbutane	1.8		0.20		ppb v/v			11/24/20 17:34	
2-Methylpentane	0.29		0.080		ppb v/v			11/24/20 17:34	
4-Ethyltoluene	0.033	J	0.16		ppb v/v			11/24/20 17:34	
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			11/24/20 17:34	
Acetone	3.7		2.0		ppb v/v			11/24/20 17:34	
Benzene	0.32		0.080		ppb v/v			11/24/20 17:34	
Benzyl chloride	ND		0.16		ppb v/v			11/24/20 17:34	
Bromodichloromethane	0.11		0.080		ppb v/v			11/24/20 17:34	
Bromoform	ND		0.080		ppb v/v			11/24/20 17:34	
Bromomethane	ND		0.080		ppb v/v			11/24/20 17:34	
Carbon disulfide	0.028		0.20		ppb v/v			11/24/20 17:34	
Carbon tetrachloride	0.026	•	0.032		ppb v/v			11/24/20 17:34	
Chlorobenzene	ND		0.080		ppb v/v			11/24/20 17:34	
Chloroethane	ND		0.080		ppb v/v			11/24/20 17:34	
Chloroform	1.4		0.080		ppb v/v			11/24/20 17:34	
			0.000						
Chloromethane	0.66				ppb v/v ppb v/v			11/24/20 17:34	
cis-1,2-Dichloroethene	ND		0.040					11/24/20 17:34	
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			11/24/20 17:34	
Cyclohexane	0.096		0.20		ppb v/v			11/24/20 17:34	
Dibromochloromethane	0.019	J	0.080		ppb v/v			11/24/20 17:34	
Dichlorodifluoromethane	0.24	J	0.080		ppb v/v			11/24/20 17:34	
Ethylbenzene	0.083		0.080		ppb v/v			11/24/20 17:34	
Heptane	0.12	J	0.20		ppb v/v			11/24/20 17:34	
Hexachlorobutadiene	ND		0.080 0.20		ppb v/v ppb v/v			11/24/20 17:34 11/24/20 17:34	

Eurofins TestAmerica, Knoxville

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: DUP - 111820

Lab Sample ID: 140-21090-4 Date Collected: 11/19/20 00:00

Matrix: Air

Date Received: 11/20/20 09:00

Analyte		Qualifier	RL	MDL		<u>D</u> .	Prepared	Analyzed	Dil Fa
Indane	ND		0.080		ppb v/v			11/24/20 17:34	
Indene	ND		0.16		ppb v/v			11/24/20 17:34	
Isopropyl alcohol	3.5		0.80		ppb v/v			11/24/20 17:34	
Isopropylbenzene	ND		0.16		ppb v/v			11/24/20 17:34	
Methyl tert-butyl ether	ND		0.16	0.052	ppb v/v			11/24/20 17:34	
Methylene Chloride	4.2	J	0.40	0.39	ppb v/v			11/24/20 17:34	
m-Xylene & p-Xylene	0.26		0.080	0.029	ppb v/v			11/24/20 17:34	
Naphthalene	ND		0.20	0.076	ppb v/v			11/24/20 17:34	
n-Butane	3.7		0.16	0.083	ppb v/v			11/24/20 17:34	
n-Decane	0.49		0.40	0.038	ppb v/v			11/24/20 17:34	
n-Dodecane	0.11	J	0.40	0.064	ppb v/v			11/24/20 17:34	
n-Octane	0.057	J	0.16	0.016	ppb v/v			11/24/20 17:34	
Nonane	0.055	J	0.20	0.018	ppb v/v			11/24/20 17:34	
n-Undecane	0.055	J	0.40	0.048	ppb v/v			11/24/20 17:34	
o-Xylene	0.098		0.080	0.015	ppb v/v			11/24/20 17:34	
Pentane	0.86		0.40	0.079	ppb v/v			11/24/20 17:34	
Propene	ND		1.0	1.0	ppb v/v			11/24/20 17:34	
Styrene	0.052	J	0.080	0.024	ppb v/v			11/24/20 17:34	
Tetrachloroethene	0.027		0.080	0.0070	ppb v/v			11/24/20 17:34	
Tetrahydrofuran	0.019	J	0.40	0.017	ppb v/v			11/24/20 17:34	
Thiophene	ND		0.080	0.011	ppb v/v			11/24/20 17:34	
Toluene	0.67		0.12	0.078	ppb v/v			11/24/20 17:34	
trans-1,2-Dichloroethene	ND		0.080	0.0070	ppb v/v			11/24/20 17:34	
trans-1,3-Dichloropropene	ND		0.080	0.0090	ppb v/v			11/24/20 17:34	
Trichloroethene	0.0074	J	0.036	0.0060	ppb v/v			11/24/20 17:34	
Trichlorofluoromethane	0.31		0.080	0.011	ppb v/v			11/24/20 17:34	
Vinyl chloride	ND		0.040	0.026	ppb v/v			11/24/20 17:34	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
1,1,1-Trichloroethane	ND		0.44	0.20	ug/m3	_ =	opa.oa	11/24/20 17:34	
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			11/24/20 17:34	
1,1,2-Trichloro-1,2,2-trifluoroetha	0.59	a.	0.61		ug/m3			11/24/20 17:34	
ne	0.00		0.0 .	0.00.	ag/o			,_ ,,_ 0	
1,1,2-Trichloroethane	ND		0.44	0.038	ug/m3			11/24/20 17:34	
1,1-Dichloroethane	ND		0.32	0.028	ug/m3			11/24/20 17:34	
1,1-Dichloroethene	ND		0.16	0.032	ug/m3			11/24/20 17:34	
1,2,3-Trimethylbenzene	ND		0.39		ug/m3			11/24/20 17:34	
1,2,4-Trichlorobenzene	ND		0.59	0.47	ug/m3			11/24/20 17:34	
1,2,4-Trimethylbenzene	0.38	J	0.39		ug/m3			11/24/20 17:34	
1,2-Dibromoethane (EDB)	ND		0.61		ug/m3			11/24/20 17:34	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.56		ug/m3			11/24/20 17:34	
1,2-Dichlorobenzene	ND		0.48		ug/m3			11/24/20 17:34	
1,2-Dichloroethane	0.087		0.32		ug/m3			11/24/20 17:34	
1,2-Dichloropropane	ND	-	0.37		ug/m3			11/24/20 17:34	
1,3,5-Trimethylbenzene	0.18	J	0.39		ug/m3			11/24/20 17:34	
1,3-Butadiene	ND		0.35		ug/m3			11/24/20 17:34	
1,3-Dichlorobenzene	ND		0.48		ug/m3			11/24/20 17:34	
1,4-Dichlorobenzene	0.22		0.48		ug/m3			11/24/20 17:34	
1,4-Dioxane	ND		0.72		ug/m3			11/24/20 17:34	,

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: DUP - 111820

Lab Sample ID: 140-21090-4 Date Collected: 11/19/20 00:00

Matrix: Air

Date Received: 11/20/20 09:00

Analyte		Qualifier	RL _	MDL		D	Prepared	Analyzed	Dil Fa
2,2,4-Trimethylpentane	0.73	J	0.93	0.037	ug/m3			11/24/20 17:34	
2,3-Dimethylpentane	0.14	J	0.33	0.11	ug/m3			11/24/20 17:34	
2-Butanone (MEK)	0.64	J	0.94	0.22	ug/m3			11/24/20 17:34	
2-Hexanone	ND		0.82	0.066	ug/m3			11/24/20 17:34	
2-Methylbutane	5.4		0.59	0.19	ug/m3			11/24/20 17:34	
2-Methylpentane	1.0		0.28	0.049	ug/m3			11/24/20 17:34	
4-Ethyltoluene	0.16	J	0.79	0.10	ug/m3			11/24/20 17:34	
4-Methyl-2-pentanone (MIBK)	ND		0.82	0.22	ug/m3			11/24/20 17:34	
Acetone	8.7		4.8	1.4	ug/m3			11/24/20 17:34	
Benzene	1.0		0.26	0.026	ug/m3			11/24/20 17:34	
Benzyl chloride	ND		0.83	0.20	ug/m3			11/24/20 17:34	
Bromodichloromethane	0.75		0.54	0.12	ug/m3			11/24/20 17:34	
Bromoform	ND		0.83	0.093	ug/m3			11/24/20 17:34	
Bromomethane	ND		0.31	0.085	ug/m3			11/24/20 17:34	
Carbon disulfide	0.086	J	0.62	0.034	ug/m3			11/24/20 17:34	
Carbon tetrachloride	0.54		0.20	0.044	ug/m3			11/24/20 17:34	
Chlorobenzene	ND		0.37	0.028	ug/m3			11/24/20 17:34	
Chloroethane	ND		0.21	0.077	ug/m3			11/24/20 17:34	
Chloroform	6.8		0.39	0.034	ug/m3			11/24/20 17:34	
Chloromethane	1.4		0.41	0.14	ug/m3			11/24/20 17:34	
cis-1,2-Dichloroethene	ND		0.16	0.040	ug/m3			11/24/20 17:34	
cis-1,3-Dichloropropene	ND		0.36	0.073	ug/m3			11/24/20 17:34	
Cyclohexane	0.33	J	0.69	0.079	ug/m3			11/24/20 17:34	
Dibromochloromethane	0.16	J	0.68	0.060	ug/m3			11/24/20 17:34	
Dichlorodifluoromethane	1.2	J	0.40	0.069	ug/m3			11/24/20 17:34	
Ethylbenzene	0.36		0.35	0.056	ug/m3			11/24/20 17:34	
Heptane	0.48	J	0.82	0.057	ug/m3			11/24/20 17:34	
Hexachlorobutadiene	ND		0.85	0.34	ug/m3			11/24/20 17:34	
Hexane	2.0		0.70	0.046	ug/m3			11/24/20 17:34	
Indane	ND		0.39	0.17	ug/m3			11/24/20 17:34	
Indene	ND		0.76	0.19	ug/m3			11/24/20 17:34	
Isopropyl alcohol	8.6		2.0	0.54	ug/m3			11/24/20 17:34	
Isopropylbenzene	ND		0.79	0.084	ug/m3			11/24/20 17:34	
Methyl tert-butyl ether	ND		0.58	0.19	ug/m3			11/24/20 17:34	
Methylene Chloride	14	J	1.4	1.4	ug/m3			11/24/20 17:34	
m-Xylene & p-Xylene	1.1		0.35	0.13	ug/m3			11/24/20 17:34	
Naphthalene	ND		1.0	0.40	ug/m3			11/24/20 17:34	
n-Butane	8.8		0.38	0.20	ug/m3			11/24/20 17:34	
n-Decane	2.9		2.3	0.22	ug/m3			11/24/20 17:34	
n-Dodecane	0.73	J	2.8	0.45	ug/m3			11/24/20 17:34	
n-Octane	0.27	J	0.75		ug/m3			11/24/20 17:34	
Nonane	0.29	J	1.0	0.094	ug/m3			11/24/20 17:34	
n-Undecane	0.35	J	2.6	0.31	ug/m3			11/24/20 17:34	
o-Xylene	0.43		0.35	0.065	ug/m3			11/24/20 17:34	
Pentane	2.5		1.2	0.23	ug/m3			11/24/20 17:34	
Propene	ND		1.7	1.7	ug/m3			11/24/20 17:34	
Styrene	0.22	J	0.34	0.10	ug/m3			11/24/20 17:34	
Tetrachloroethene	0.18		0.54	0.047	ug/m3			11/24/20 17:34	

Client: ARCADIS U.S. Inc Job ID: 140-21090-1

Project/Site: ConEd Haven Plaza

Client Sample ID: DUP - 111820

Lab Sample ID: 140-21090-4 Date Collected: 11/19/20 00:00

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	Ď	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	0.055	J	1.2	0.050	ug/m3			11/24/20 17:34	1
Thiophene	ND		0.28	0.038	ug/m3			11/24/20 17:34	1
Toluene	2.5		0.45	0.29	ug/m3			11/24/20 17:34	1
trans-1,2-Dichloroethene	ND		0.32	0.028	ug/m3			11/24/20 17:34	1
trans-1,3-Dichloropropene	ND		0.36	0.041	ug/m3			11/24/20 17:34	1
Trichloroethene	0.040	J	0.19	0.032	ug/m3			11/24/20 17:34	1
Trichlorofluoromethane	1.7		0.45	0.062	ug/m3			11/24/20 17:34	1
Vinyl chloride	ND		0.10	0.066	ug/m3			11/24/20 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		60 - 140			-		11/24/20 17:34	1

Client Sample ID: AA - 111820

Date Collected: 11/19/20 10:01 Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Lab Sample ID: 140-21090-5

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080	0.037	ppb v/v			11/24/20 18:26	1
1,1,2,2-Tetrachloroethane	ND		0.080	0.014	ppb v/v			11/24/20 18:26	1
1,1,2-Trichloro-1,2,2-trifluoroetha	0.082		0.080	0.0080	ppb v/v			11/24/20 18:26	1
ne									
1,1,2-Trichloroethane	ND		0.080		ppb v/v			11/24/20 18:26	1
1,1-Dichloroethane	ND		0.080		ppb v/v			11/24/20 18:26	1
1,1-Dichloroethene	ND		0.040		ppb v/v			11/24/20 18:26	1
1,2,3-Trimethylbenzene	ND		0.080	0.036	ppb v/v			11/24/20 18:26	1
1,2,4-Trichlorobenzene	ND		0.080	0.064	ppb v/v			11/24/20 18:26	1
1,2,4-Trimethylbenzene	0.042	J	0.080	0.020	ppb v/v			11/24/20 18:26	1
1,2-Dibromoethane (EDB)	ND		0.080	0.0070	ppb v/v			11/24/20 18:26	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.080	0.012	ppb v/v			11/24/20 18:26	1
1,2-Dichlorobenzene	ND		0.080	0.031	ppb v/v			11/24/20 18:26	1
1,2-Dichloroethane	0.020	J	0.080	0.010	ppb v/v			11/24/20 18:26	1
1,2-Dichloropropane	ND		0.080	0.010	ppb v/v			11/24/20 18:26	1
1,3,5-Trimethylbenzene	0.023	J	0.080	0.022	ppb v/v			11/24/20 18:26	1
1,3-Butadiene	ND		0.16	0.019	ppb v/v			11/24/20 18:26	1
1,3-Dichlorobenzene	ND		0.080	0.016	ppb v/v			11/24/20 18:26	1
1,4-Dichlorobenzene	ND		0.080	0.016	ppb v/v			11/24/20 18:26	1
1,4-Dioxane	ND		0.20	0.030	ppb v/v			11/24/20 18:26	1
2,2,4-Trimethylpentane	0.075	J	0.20	0.0080	ppb v/v			11/24/20 18:26	1
2,3-Dimethylpentane	ND		0.080	0.026	ppb v/v			11/24/20 18:26	1
2-Butanone (MEK)	0.16	J	0.32	0.073	ppb v/v			11/24/20 18:26	1
2-Hexanone	ND		0.20	0.016	ppb v/v			11/24/20 18:26	1
2-Methylbutane	0.66		0.20	0.063	ppb v/v			11/24/20 18:26	1
2-Methylpentane	0.13		0.080	0.014	ppb v/v			11/24/20 18:26	1
4-Ethyltoluene	ND		0.16	0.021	ppb v/v			11/24/20 18:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.20	0.054	ppb v/v			11/24/20 18:26	1
Acetone	1.8		2.0		ppb v/v			11/24/20 18:26	1
Benzene	0.22		0.080		ppb v/v			11/24/20 18:26	1

Page 28 of 634

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: AA - 111820

Lab Sample ID: 140-21090-5 Date Collected: 11/19/20 10:01

Matrix: Air

Date Received: 11/20/20 09:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzyl chloride	ND		0.16	0.038	ppb v/v			11/24/20 18:26	
Bromodichloromethane	ND		0.080	0.018	ppb v/v			11/24/20 18:26	
Bromoform	ND		0.080	0.0090	ppb v/v			11/24/20 18:26	•
Bromomethane	0.024	J	0.080	0.022	ppb v/v			11/24/20 18:26	
Carbon disulfide	ND		0.20	0.011	ppb v/v			11/24/20 18:26	
Carbon tetrachloride	0.073		0.032	0.0070	ppb v/v			11/24/20 18:26	
Chlorobenzene	ND		0.080	0.0060	ppb v/v			11/24/20 18:26	
Chloroethane	ND		0.080	0.029	ppb v/v			11/24/20 18:26	
Chloroform	0.033	J	0.080	0.0070	ppb v/v			11/24/20 18:26	
Chloromethane	0.73		0.20	0.066	ppb v/v			11/24/20 18:26	
cis-1,2-Dichloroethene	ND		0.040	0.010	ppb v/v			11/24/20 18:26	
cis-1,3-Dichloropropene	ND		0.080	0.016	ppb v/v			11/24/20 18:26	
Cyclohexane	0.054	J	0.20	0.023	ppb v/v			11/24/20 18:26	
Dibromochloromethane	ND		0.080	0.0070	ppb v/v			11/24/20 18:26	
Dichlorodifluoromethane	0.26	J	0.080	0.014	ppb v/v			11/24/20 18:26	
Ethylbenzene	0.036		0.080	0.013	ppb v/v			11/24/20 18:26	
Heptane	0.077	J	0.20	0.014	ppb v/v			11/24/20 18:26	
Hexachlorobutadiene	ND		0.080	0.032	ppb v/v			11/24/20 18:26	
Hexane	0.16	J	0.20	0.013	ppb v/v			11/24/20 18:26	
Indane	ND		0.080	0.035	ppb v/v			11/24/20 18:26	
Indene	ND		0.16	0.039	ppb v/v			11/24/20 18:26	
Isopropyl alcohol	1.3		0.80	0.22	ppb v/v			11/24/20 18:26	
Isopropylbenzene	ND		0.16	0.017	ppb v/v			11/24/20 18:26	
Methyl tert-butyl ether	ND		0.16	0.052	ppb v/v			11/24/20 18:26	
Methylene Chloride	ND		0.40	0.39	ppb v/v			11/24/20 18:26	
m-Xylene & p-Xylene	0.11		0.080	0.029	ppb v/v			11/24/20 18:26	
Naphthalene	ND		0.20	0.076	ppb v/v			11/24/20 18:26	
n-Butane	1.3		0.16	0.083	ppb v/v			11/24/20 18:26	
n-Decane	0.14	J	0.40	0.038	ppb v/v			11/24/20 18:26	
n-Dodecane	ND		0.40	0.064	ppb v/v			11/24/20 18:26	
n-Octane	0.038	J	0.16	0.016	ppb v/v			11/24/20 18:26	
Nonane	0.042	J	0.20	0.018	ppb v/v			11/24/20 18:26	
n-Undecane	ND		0.40	0.048	ppb v/v			11/24/20 18:26	
o-Xylene	0.045	J	0.080	0.015	ppb v/v			11/24/20 18:26	
Pentane	0.36	J	0.40	0.079	ppb v/v			11/24/20 18:26	
Propene	ND		1.0	1.0	ppb v/v			11/24/20 18:26	
Styrene	ND		0.080	0.024	ppb v/v			11/24/20 18:26	
Tetrachloroethene	0.018	J	0.080	0.0070	ppb v/v			11/24/20 18:26	
Tetrahydrofuran	ND		0.40	0.017	ppb v/v			11/24/20 18:26	
Thiophene	ND		0.080	0.011	ppb v/v			11/24/20 18:26	
Toluene	0.24		0.12	0.078	ppb v/v			11/24/20 18:26	
trans-1,2-Dichloroethene	ND		0.080	0.0070	ppb v/v			11/24/20 18:26	
trans-1,3-Dichloropropene	ND		0.080	0.0090	ppb v/v			11/24/20 18:26	
Trichloroethene	0.0061	J	0.036	0.0060	ppb v/v			11/24/20 18:26	
Trichlorofluoromethane	0.29		0.080	0.011	ppb v/v			11/24/20 18:26	
Vinyl chloride	ND		0.040	0.026	ppb v/v			11/24/20 18:26	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3	— - -		11/24/20 18:26	Diriac

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: AA - 111820

Lab Sample ID: 140-21090-5 Date Collected: 11/19/20 10:01

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

ND 0.63 ND ND ND ND ND ND		0.55 0.61 0.44 0.32 0.16	0.061	ug/m3 ug/m3			11/24/20 18:26 11/24/20 18:26	
ND ND ND ND ND		0.44 0.32	0.038	ug/m3			11/24/20 18:26	
ND ND ND ND		0.32						
ND ND ND ND		0.32		110/002			11/24/20 18:26	
ND ND ND 0.20			0.000	-				•
ND ND 0.20		0.16		ug/m3			11/24/20 18:26	•
ND 0.20				ug/m3			11/24/20 18:26	
0.20		0.39		ug/m3			11/24/20 18:26	,
		0.59		ug/m3			11/24/20 18:26	
NΙD	. J	0.39		ug/m3			11/24/20 18:26	
		0.61		ug/m3			11/24/20 18:26	
ND		0.56		ug/m3			11/24/20 18:26	
ND		0.48		ug/m3			11/24/20 18:26	
0.082	J	0.32	0.040	ug/m3			11/24/20 18:26	
ND		0.37	0.046	ug/m3			11/24/20 18:26	•
0.11	J	0.39	0.11	ug/m3			11/24/20 18:26	
ND		0.35	0.042	ug/m3			11/24/20 18:26	
ND		0.48	0.096	ug/m3			11/24/20 18:26	
ND		0.48	0.096	ug/m3			11/24/20 18:26	
ND		0.72	0.11	ug/m3			11/24/20 18:26	
0.35	J	0.93	0.037	ug/m3			11/24/20 18:26	
ND		0.33	0.11	ug/m3			11/24/20 18:26	
0.47	J	0.94	0.22	ug/m3			11/24/20 18:26	
ND		0.82		-			11/24/20 18:26	
1.9		0.59		-			11/24/20 18:26	
				-				
				-				
	•			-				
				-				
				_				
				_				
	. <mark>.</mark>							
				J				
				-				
				-				
	J			_				
				-				
ND		0.36	0.073	ug/m3				
0.19	J	0.69					11/24/20 18:26	
ND		0.68		-			11/24/20 18:26	
1.3	J	0.40	0.069	ug/m3			11/24/20 18:26	
0.16	J	0.35	0.056	ug/m3			11/24/20 18:26	
0.32	J	0.82	0.057	ug/m3			11/24/20 18:26	
ND		0.85	0.34	ug/m3			11/24/20 18:26	
0.55	J	0.70	0.046	ug/m3			11/24/20 18:26	
	ND ND ND 0.35 ND 0.47 ND 1.9 0.46 ND ND ND 0.092 ND 0.16 1.5 ND ND 0.19 ND ND 0.16 0.32 ND	0.11 J ND ND ND ND ND 0.35 J ND 0.47 J ND 1.9 0.46 ND 0.092 J ND 0.16 J 1.5 ND ND ND ND 0.19 J ND 0.19 J ND 0.19 J ND 0.10 J ND ND 0.10 J ND ND 0.10 J	0.11 J 0.39 ND 0.35 ND 0.48 ND 0.72 0.35 J 0.93 ND 0.33 0.47 J 0.94 ND 0.82 1.9 0.59 0.46 0.28 ND 0.79 ND 0.82 4.3 J 4.8 0.69 0.26 ND 0.83 ND 0.54 ND 0.62 ND 0.62 ND 0.37 ND 0.21 0.16 J 0.39 1.5 0.41 ND 0.36 0.19 J 0.69 ND 0.68 1.3 J 0.40 0.16 J 0.35 0.32 J 0.82 ND 0.85 0.55 J 0.70	0.11 J 0.39 0.11 ND 0.35 0.042 ND 0.48 0.096 ND 0.48 0.096 ND 0.72 0.11 0.35 J 0.93 0.037 ND 0.33 0.11 0.47 J 0.94 0.22 ND 0.82 0.066 1.9 0.59 0.19 0.46 0.28 0.049 ND 0.79 0.10 ND 0.82 0.22 4.3 J 4.8 1.4 0.69 0.26 0.026 ND 0.83 0.20 ND 0.54 0.12 ND 0.83 0.093 0.092 J 0.31 0.085 ND 0.62 0.034 0.46 0.20 0.044 ND 0.37 0.028 ND 0.37 0.028 ND 0.39 0.034	0.11 J 0.39 0.11 ug/m3 ND 0.35 0.042 ug/m3 ND 0.48 0.096 ug/m3 ND 0.48 0.096 ug/m3 ND 0.48 0.096 ug/m3 ND 0.72 0.11 ug/m3 0.35 J 0.93 0.037 ug/m3 ND 0.33 0.11 ug/m3 0.47 J 0.94 0.22 ug/m3 ND 0.82 0.066 ug/m3 1.9 0.59 0.19 ug/m3 ND 0.79 0.10 ug/m3 ND 0.82 0.22 ug/m3 A.3 J 4.8 1.4 ug/m3 0.69 0.26 0.026 ug/m3 ND 0.83 0.20 ug/m3 ND 0.83 0.20 ug/m3 ND 0.83 0.093 ug/m3 0.092 J 0.31 0.085 ug/m3 ND 0.62 0.034 ug/m3 ND 0.62 0.034 ug/m3 ND 0.37 0.028 ug/m3 ND 0.16	0.11 J 0.39 0.11 ug/m3 ND 0.35 0.042 ug/m3 ND 0.48 0.096 ug/m3 ND 0.48 0.096 ug/m3 ND 0.48 0.096 ug/m3 ND 0.72 0.11 ug/m3 0.35 J 0.93 0.037 ug/m3 ND 0.33 0.11 ug/m3 0.47 J 0.94 0.22 ug/m3 ND 0.82 0.066 ug/m3 1.9 0.59 0.19 ug/m3 ND 0.82 0.049 ug/m3 ND 0.79 0.10 ug/m3 ND 0.82 0.22 ug/m3 ND 0.82 0.22 ug/m3 ND 0.83 0.20 ug/m3 ND 0.83 0.20 ug/m3 ND 0.83 0.20 ug/m3 ND 0.62 0.034 ug/m3 0.092 J 0.31 0.085 ug/m3 ND 0.62 0.034 ug/m3 ND 0.62 0.034 ug/m3 ND 0.37	0.11 J 0.39 0.11 ug/m3 ND 0.35 0.042 ug/m3 ND 0.48 0.096 ug/m3 ND 0.48 0.096 ug/m3 ND 0.48 0.096 ug/m3 ND 0.72 0.11 ug/m3 0.35 J 0.93 0.037 ug/m3 ND 0.33 0.11 ug/m3 0.47 J 0.94 0.22 ug/m3 ND 0.82 0.066 ug/m3 1.9 0.59 0.19 ug/m3 0.46 0.28 0.049 ug/m3 ND 0.79 0.10 ug/m3 ND 0.82 0.22 ug/m3 4.3 J 4.8 1.4 ug/m3 0.69 0.26 0.026 ug/m3 ND 0.83 0.20 ug/m3 ND 0.83 0.020 ug/m3 ND 0.83 0.093 ug/m3 ND 0.83 0.093 ug/m3 ND 0.62 0.034 ug/m3 ND 0.62 0.034 ug/m3 ND 0.62 0.034 ug/m3 ND 0.10 0.00 0.00 </td <td>0.11 J 0.39 0.11 ug/m3 11/24/20 18:26 ND 0.35 0.042 ug/m3 11/24/20 18:26 ND 0.48 0.096 ug/m3 11/24/20 18:26 ND 0.48 0.096 ug/m3 11/24/20 18:26 ND 0.72 0.11 ug/m3 11/24/20 18:26 0.35 J 0.93 0.037 ug/m3 11/24/20 18:26 ND 0.33 0.11 ug/m3 11/24/20 18:26 ND 0.33 0.11 ug/m3 11/24/20 18:26 ND 0.82 0.066 ug/m3 11/24/20 18:26 ND 0.82 0.066 ug/m3 11/24/20 18:26 ND 0.82 0.066 ug/m3 11/24/20 18:26 ND 0.82 0.069 ug/m3 11/24/20 18:26 ND 0.79 0.10 ug/m3 11/24/20 18:26 ND 0.79 0.10 ug/m3 11/24/20 18:26 ND 0.82 0.22 ug/m3 11/24/20 18:26 ND 0.82 0.22 ug/m3 11/24/20 18:26 ND 0.83 0.20 ug/m3 1</td>	0.11 J 0.39 0.11 ug/m3 11/24/20 18:26 ND 0.35 0.042 ug/m3 11/24/20 18:26 ND 0.48 0.096 ug/m3 11/24/20 18:26 ND 0.48 0.096 ug/m3 11/24/20 18:26 ND 0.72 0.11 ug/m3 11/24/20 18:26 0.35 J 0.93 0.037 ug/m3 11/24/20 18:26 ND 0.33 0.11 ug/m3 11/24/20 18:26 ND 0.33 0.11 ug/m3 11/24/20 18:26 ND 0.82 0.066 ug/m3 11/24/20 18:26 ND 0.82 0.066 ug/m3 11/24/20 18:26 ND 0.82 0.066 ug/m3 11/24/20 18:26 ND 0.82 0.069 ug/m3 11/24/20 18:26 ND 0.79 0.10 ug/m3 11/24/20 18:26 ND 0.79 0.10 ug/m3 11/24/20 18:26 ND 0.82 0.22 ug/m3 11/24/20 18:26 ND 0.82 0.22 ug/m3 11/24/20 18:26 ND 0.83 0.20 ug/m3 1

Eurofins TestAmerica, Knoxville

Client: ARCADIS U.S. Inc Job ID: 140-21090-1 Project/Site: ConEd Haven Plaza

Client Sample ID: AA - 111820

Lab Sample ID: 140-21090-5 Date Collected: 11/19/20 10:01

Matrix: Air

Date Received: 11/20/20 09:00

Analyte	Result	Qualifier	RL	MDL	Unit	D Prepared	Analyzed	Dil Fac
Indene	ND		0.76	0.19	ug/m3		11/24/20 18:26	1
Isopropyl alcohol	3.2		2.0	0.54	ug/m3		11/24/20 18:26	1
Isopropylbenzene	ND		0.79	0.084	ug/m3		11/24/20 18:26	1
Methyl tert-butyl ether	ND		0.58	0.19	ug/m3		11/24/20 18:26	1
Methylene Chloride	ND		1.4	1.4	ug/m3		11/24/20 18:26	1
m-Xylene & p-Xylene	0.47		0.35	0.13	ug/m3		11/24/20 18:26	1
Naphthalene	ND		1.0	0.40	ug/m3		11/24/20 18:26	1
n-Butane	3.1		0.38	0.20	ug/m3		11/24/20 18:26	1
n-Decane	0.82	J	2.3	0.22	ug/m3		11/24/20 18:26	1
n-Dodecane	ND		2.8	0.45	ug/m3		11/24/20 18:26	1
n-Octane	0.18	J	0.75	0.075	ug/m3		11/24/20 18:26	1
Nonane	0.22	J	1.0	0.094	ug/m3		11/24/20 18:26	1
n-Undecane	ND		2.6	0.31	ug/m3		11/24/20 18:26	1
o-Xylene	0.20	J	0.35	0.065	ug/m3		11/24/20 18:26	1
Pentane	1.1	J	1.2	0.23	ug/m3		11/24/20 18:26	1
Propene	ND		1.7	1.7	ug/m3		11/24/20 18:26	1
Styrene	ND		0.34	0.10	ug/m3		11/24/20 18:26	1
Tetrachloroethene	0.12	J	0.54	0.047	ug/m3		11/24/20 18:26	1
Tetrahydrofuran	ND		1.2	0.050	ug/m3		11/24/20 18:26	1
Thiophene	ND		0.28	0.038	ug/m3		11/24/20 18:26	1
Toluene	0.92		0.45	0.29	ug/m3		11/24/20 18:26	1
trans-1,2-Dichloroethene	ND		0.32	0.028	ug/m3		11/24/20 18:26	1
trans-1,3-Dichloropropene	ND		0.36	0.041	ug/m3		11/24/20 18:26	1
Trichloroethene	0.033	J	0.19	0.032	ug/m3		11/24/20 18:26	1
Trichlorofluoromethane	1.6		0.45	0.062	ug/m3		11/24/20 18:26	1
Vinyl chloride	ND		0.10	0.066	ug/m3		11/24/20 18:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		60 - 140				11/24/20 18:26	1



Arcadis of New York, Inc.

295 Woodcliff Drive

Third Floor

Suite 301

Fairport, New York 14450

Tel 585 385 0090

Fax 585 385 4198

www.arcadis.com