

Comprehensive Air Quality Investigation

For

**Greenburgh Administration Building
475 West Hartsdale Avenue
Hartsdale, NY 10530**

Greenburgh CSD

2020



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CONSULTANTS INC.**

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Comprehensive Air Quality Investigation of the Greenburgh Administration Building, West Hartsdale, New York, July - August 2020

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Summary

In an effort to remain diligent about protecting the health and safety of building occupants, the Greenburgh Central School District (CSD) requested a comprehensive air quality assessment of the Greenburgh Administration Building; in particular, a determination of what impact, if any, indoor air quality might have on building occupants. In this study, we assessed a spectrum of environmental air quality considerations, including asbestos, mold, total particulates, volatile organic compounds (VOCs), and radon. The analyses indicate that the values of asbestos, total particulates, and radon parameters fall within normal ranges for school buildings and other similar structures for air concentrations. However, the analysis indicate that the values of mold and VOCs are slightly elevated in several locations throughout the building. Additionally, a moisture survey indicates that both the basement and upper (third) floor are significantly impacted by water intrusion.

1. Introduction

The Greenburgh Administration Building is an approximately 11,193 square foot masonry structure. It is constructed over a full basement/crawl space complex comprised of a total of four floors (27,836 square feet) See Figure 1.

The building is located at 475 West Hartsdale Avenue, Hartsdale, New York. It is located on the Greenburgh CSD campus approximately 0.1 miles north of the Woodlands Middle/High School and approximately 0.2 miles south of the Metropolis Country Golf Club. See Figure 2.

Originally known as the Warburg mansion, it had once served as both the administration building as well as the district's early childhood program. However, the castle-

like structure has been in disrepair for years. It has widespread water damage, bowing walls, sloping floors, falling plaster, and cracks in the exterior¹. In August 2019, all students and majority of staff had been removed from the building because an architect's report concluded that parts of the building were unsafe. The administration building requires a new roof, new siding, as well as exterior and foundation work. See Figure 3. Currently, it only houses a select few administrators, including the district's custodial maintenance crew. The structure is primarily used for storage purposes.

The building is heated with a hot water system, controlled in each space by a thermostat in each space. Air conditioning is provided by window units.

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2. Parameters Evaluated and Sample Locations

The following parameters were assessed as part of this comprehensive air quality investigation; asbestos, mold, total particulates, volatile organic compounds, and radon in air.

The intent of the investigation was to assess the building as both a stand-alone entity, and to the degree possible, an entity subject to potential contamination from internal and/or external influences.

Sampling by parameter was performed on these dates in 2020:

Asbestos Sampling performed on July 30
Mold Sampling performed on July 30
Total Particulate Sampling performed on July 30
Volatile Organic Compound (VOC) Sampling performed on July 30
Radon Sampling performed on July 31 – Aug. 3

Sample location numbers were used consistently across all parameters, except radon, to facilitate correlation of spaces within the building. Radon sample locations were mainly concentrated throughout ground floor spaces because radon has a naturally higher tendency to affect enclosed spaces closer to the ground. Sample numbers and their corresponding spaces are shown in Table 1 and Table 2. Floor plans showing sample locations for asbestos, mold, total particulates, VOCs, and radon are found in Figure 4.

Table 1
Summary of sample numbers and their corresponding locations for asbestos, mold, total particulates, and volatile organic compounds (VOCs)

Sample #	Location
1	3 rd Floor Faculty Room
2	2 nd Floor OT/PT Office
3	2 nd Floor Facilities
4	2 nd Floor Asst. Supt. Business
5	2 nd Floor Benefits
6	1 st Floor PPS Office Hallway
7	1 st Floor Kitchen
8	1 st Floor Boardroom
9	1 st Floor ECP Classroom 105
10	1 st Floor Superintendent
11	Ground Floor Garage
12	Ground Floor Boiler Room
13	Ground Floor Maintenance
14	Ground Floor East Storage
15	Ground Floor West Storage
16	Outside, Front Entrance



Table 2
Summary of sample numbers, cannister ID #'s, and their corresponding locations for radon

Sample #	Cannister ID #	Location
1	2848766	Ground Floor West Storage
2	2849061	Ground Floor Rear Stairs
3	2848798	Ground Floor East Storage
4	2849027	Ground Floor Maintenance
5	2848767	Ground Floor Shop
6	2849062	Ground Floor Storage
7	2849031	Ground Floor Boiler Storage
8	2848688	Ground Floor Boiler Room
9	2848687	Ground Floor Lobby
10	2848803	Ground Floor Main Garage
11	2848787	Ground Floor OT/PT Room
12	2848685	Ground Floor OT/PT Room
13	2849030	Ground Floor Classroom 1
14	2848681	1 st Floor Superintendent
15	2848793	1 st Floor Assistant Superintendent
16	2823371	1 st Floor PPS Offices
17	2849063	1 st Floor PPS Offices
18	2823357	1 st Floor Board Room
19	2848782	Blank

3. Methods of Measurement - Air

All sampling inside the building was performed with windows closed and mechanical systems operating as they normally would throughout the year.

3.1 Asbestos

Sampling for asbestos was performed using the Asbestos Hazard Emergency Response Act (US EPA 40 CFR Part 763) Transmission Electron Microscopy method. This method utilizes 25 mm cassettes containing a mixed cellulose ester filter with a pore size of 0.45 micrometers. For these samples, a flow rate of 10 liters per minute was used for a period of 2 hours, for a total volume of 1200 liters of air collected.

3.2 Mold

Mold spores and other allergens were assessed using spore trap sampling. Air-o-cell® cassettes are specifically designed for the rapid collection of a wide range of airborne aerosols

including mold spores, pollen, insect parts, skin cell fragments, fibers (e.g. asbestos, fiberglass, cellulose, clothing fibers, etc.) and inorganic particulate (e.g. ceramic, fly ash, copy toner, etc.). The standard methodology for the use of these cassettes is to collect 75 liters of air at a flow rate of 15 liters per minute, and was performed during this investigation.

3.3 Total Particulate

Sampling for Total Particulate was performed in accordance with the National Institutes for Occupational Safety and Health (NIOSH) Method 0500 for Nuisance Dust (Particulate Not Otherwise Regulated). Samples were collected at a flow rate of 2 liters per



minute for a minimum of 50 minutes, yielding volumes of at least 100 liters, on a tared, 37 mm, 5-micron polyvinylchloride filter. This method is recommended for assessing particles not otherwise regulated (e.g., asbestos, silica), and would include particles like ash, smoke, fiberglass, cellulose (paper) fibers, etc.

3.4 Volatile Organic Compounds

Each of the samples collected for VOCs was performed using a six-liter Summa canister with a flow control regulator that was adjusted by the laboratory to obtain the sample over a one-hour period. The air samples were obtained from three feet above the ground, and all of the samples were subsequently transported to a certified laboratory for analysis of volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (USEPA) Method TO-15.

3.5 Radon

Radon in air was evaluated using an Accustar® CLS 100 liquid scintillation vial. The 22-ml capacity vial is made of high-density polyethylene, and contains a patented pharmaceutical-grade charcoal-silica adsorption material. Alpha particles emitted by the breakdown products of radon create scintillations, or flashes of light, in the mix. A photo-multiplier tube detects scintillation's, the signal is electronically enhanced and the effect of the alpha particles is counted. Background counts are subtracted and the net counts are entered into a formula with other relevant data yielding quantitative results stated in picocuries per Liter (pCi/L). Sampling was performed over a 72-hour period.

4. Results of Measurement - Air

All results of sampling are found in the Data Tables at the end of this report.

4.1 Asbestos

All indoor and outdoor air sample results collected for asbestos were "None Detected" (0 structures per square millimeter (S/mm²)).

4.2 Mold

All indoor air sample results collected for mold ranged from 1,760 to 8,000 spores per

cubic meter (spr/m³). The outdoor air sample result collected for mold was from 8,320 spores per cubic meter (spr/m³).

4.3 Total Particulate

All indoor air sample results collected for total particulate were "None Detected" (<0.50 milligrams per cubic meter (mg/m³)). The outdoor air sample result collected for total particulate was also "None Detected."

4.4 Volatile Organic Compounds

VOCs were detected in various indoor and outdoor air sample locations, including:

1, 1, 1-Trichloroethane
1, 2, 4-Trimethylbenzene
1, 3, 5-Trimethylbenzene
1,4-Dichlorobenzene
4-Ethyltoluene
4-Isopropyltoluene
Acetone
Benzene
Carbon Tetrachloride
Chloroform
Chloromethane
Cyclohexane
Dichlorodifluoromethane
Ethanol
Ethyl Acetate
Ethylbenzene
Heptane
Hexane
Isopropyl Alcohol
m & p-Xylenes
Methyl Ethyl Ketone
Methylene Chloride
o-Xylene
sec-Butylbenzene
Tetrachloroethene
Tetrahydrofuran
Toluene
Trichlorofluoromethane

4.5 Radon

All air sample results collected for radon ranged from <0.1 to 0.8 picoCuries per liter (pCi/L).

5. Comparison of Data to Standards and Guidelines - Air

5.1 Asbestos

All indoor and outdoor asbestos samples were below 70 structures per square millimeter, the Asbestos Hazard Emergency Response Act (AHERA) clearance level. Additionally, all results are below the Occupational Safety and Health Administration Permissible Exposure Limit for an 8-hour Time Weighted Average (0.1 fibers per cubic centimeter).

5.2 Mold

No standards exist for concentrations of mold in the air. Generally, comparisons are made to the concentrations and the constituents outdoors. Concentrations indoors should be less than that outdoors. Constituents indoors should be similar to those found outdoors. Total counts of spores indoors generally should be below 3,000 spores per cubic meter for common indoor types, including *Aspergillus*, *Cladosporium*, *Pencillium* species.

All indoor air sample results collected for mold ranged from 1,760 to 8,000 spores per cubic meter (spr/m^3). The outdoor air sample result collected for mold was from 8,320 spores per cubic meter (spr/m^3).

5.3 Total Particulate

The United States Occupational Safety and Health Administration establishes a Permissible Exposure Limit for Particulates Not Otherwise Regulated (29 CFR 1910.1000) of 15 milligrams per cubic meter.

All indoor and outdoor results obtained were less than 2 milligrams per cubic meter.

5.4 Volatile Organic Compounds

All indoor air sample results collected for volatile organic compounds were below the guideline value of the 95th Percentile in the 2003 New York State Department of Health's (NYSDOH's) Study of Volatile Organic Compounds in Air of Fuel Oil Heated Home, except for the following:

- a. 1,1,1-Trichloroethene in Sample Locations #1, 2, 3 4. 5, 7, 8, 10, 11, 13,14, and 15
- b. 1,4-Dichlorobenzene- in Sample Locations #4, 5, 6, 13, 14, 15
- c. Chloroform in Sample Location #12
- d. Ethylbenzene in Sample Location #15
- e. m & p-Xylenes in Sample Locations #1, 2, 3, 6, 7, 8, 10, 11, 13, 14, 15
- f. o-Xylene in Sample Locations #2, 7, 10, 15
- g. sec-Butylbenzene in Sample Locations #5 & 13
- h. Tetrahydrofuran in Sample Location #14

The outdoor air sample result collected for volatile organic compounds was below the New York State Department of Environmental Conservation (NYSDEC) Short-Term Guideline Concentrations (SGC).

5.5 Radon

The United States Environmental Protection Agency (EPA) establishes recommendations based on the following radon values:

- <2 picoCuries/Liter of Air – No action (reducing below 2 picocuries/L is difficult)
 - 2-4 picoCuries/Liter of Air – Consider remediation
 - >4 picoCuries/Liter of Air – Remediation recommended

The EPA action level is 4.0 pCi/L. Results of all sample results obtained were less than 1.0 picocuries per liter.

6. Discussion

6.1 Findings

In this investigation, we assessed concentrations of a variety of potential contaminants in and around the Greenburgh Administration Building. The functional spaces of the building were sampled for contaminants to evaluate the building as a stand-alone entity. Results of sampling indicate the building is impacted by observed moisture conditions, resulting in elevated microbial spore counts, and contains values of volatile organic compounds, likely resulting from materials stored within the basement, the use of fossil fuels for heating and hot water, and building contents. Further, there exists no mechanical



ventilation within the building. The only capacity for building ventilation is nature by opening windows and doors.

6.2 Low Level Volatile Organic Compounds

In California, the The Office of Environmental Health Hazard Assessment (OEHHA) is the lead state agency for the assessment of health risks posed by environmental contaminants. OEHHA's mission is to protect human health and the environment through scientific evaluation of risks posed by hazardous substances. The Office is one of five state departments within the California Environmental Protection Agency (CalEPA).

The OEHHA publishes² and regularly updates an Acute, 8-hour and Chronic Reference Exposure Levels (chRELs) for 35 volatile organic compounds and 64 other contaminants. CRELs are based on "points of departure" (POD), defined as either a no observed adverse effect level (NOAEL), a lowest observed adverse effect level (LOAEL) if a NOAEL was not identified, or a benchmark concentration (BMC) (which is calculated using a model and the dose-response data from a single, key study). Note that there is no chREL for TVOCs in the OEHHA regulations.

The Leadership in Energy and Environmental Design (LEED) rating system is a program from the U.S. Green Building Design Council that provides third-party verification of "green buildings". The LEED rating systems address both a wide variety of buildings types, including commercial buildings, homes, neighborhoods, retail, healthcare, and schools, as well as every phase of the building lifecycle including design, construction, operations and maintenance. Projects may earn one of four levels of LEED certification (Certified, Silver, Gold or Platinum) by achieving a given number of point-based credits within the rating system.

A component of the rating system is an assessment of indoor air quality upon completion of construction, measuring the parameters found in Figure 5. The values for individual volatile organic compounds are derived from the CalEPA regulations referenced above. LEED takes assessment of VOCs a step further, and identifies a standard of 500 ug/m³ as a TVOC concentration. Data Table 4C shows a comparison of TVOCs from each sample location.

Four sample locations exceeded the 500 ug/m³ standard. These 4 locations were 2nd Floor OT/PT Office, 2nd Floor Facilities, 1st Floor Kitchen, and 1st Floor Superintendent Office.

The air quality within Greenburgh Administration Building in these areas does not meet LEED standards for all parameters evaluated.

7. Summary

Results of mold sampling and moisture inspection indicate elevated concentrations of common microbial organisms, specifically *Cladosporium* and *Aspergillus/Penicillium*-like (or *Asp/Pen*-like) spores in concentrations above 3,000 spores per cubic meter in total, within multiple locations of the building, which indicate a moisture laden or water damaged environment. Evidence of a possible roof leak was discovered in the Portable South Closet. Visible water damage was observed along the center rear portion of the wooden floor. The moisture survey showed elevated dampness along the wooden floor within the rear portion of the closet. Visible moisture was observed throughout the basement level, and pipe leaks were observed in the basement level.

Mold remediation is required in these areas, and porous contents would need to be disposed. Remediation would require the services of a licensed mold remediation contractor, and the development of a mold remediation plan by a licensed mold risk assessor.

Elevated VOC concentrations would be resolved by reducing the quantities of organic fuels and solvents within the basement storage areas, and by installing an HVAC air handling system that improves building ventilation, including a fresh air intake system.



References

¹ New York district vacates unsafe administration building, American School & University, Mike Kennedy, October 21, 2019 <https://www.asumag.com/safety-security/fire-life-safety/article/20857426/new-york-district-vacates-unsafe-administration-building>

² Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments 2015, Office of Environmental Hazard Assessment (OEHHA) <https://oehha.ca.gov/air/crnr/notice-adoption-air-toxics-hot-spots-program-guidance-manual-preparation-health-risk-0>

FIGURES

Figure 1

**Greenburgh Administration
Building**

Figure 1 Greenburgh Administration Building



Figure 2

**Floor Plans with Sample
Locations**

Legend

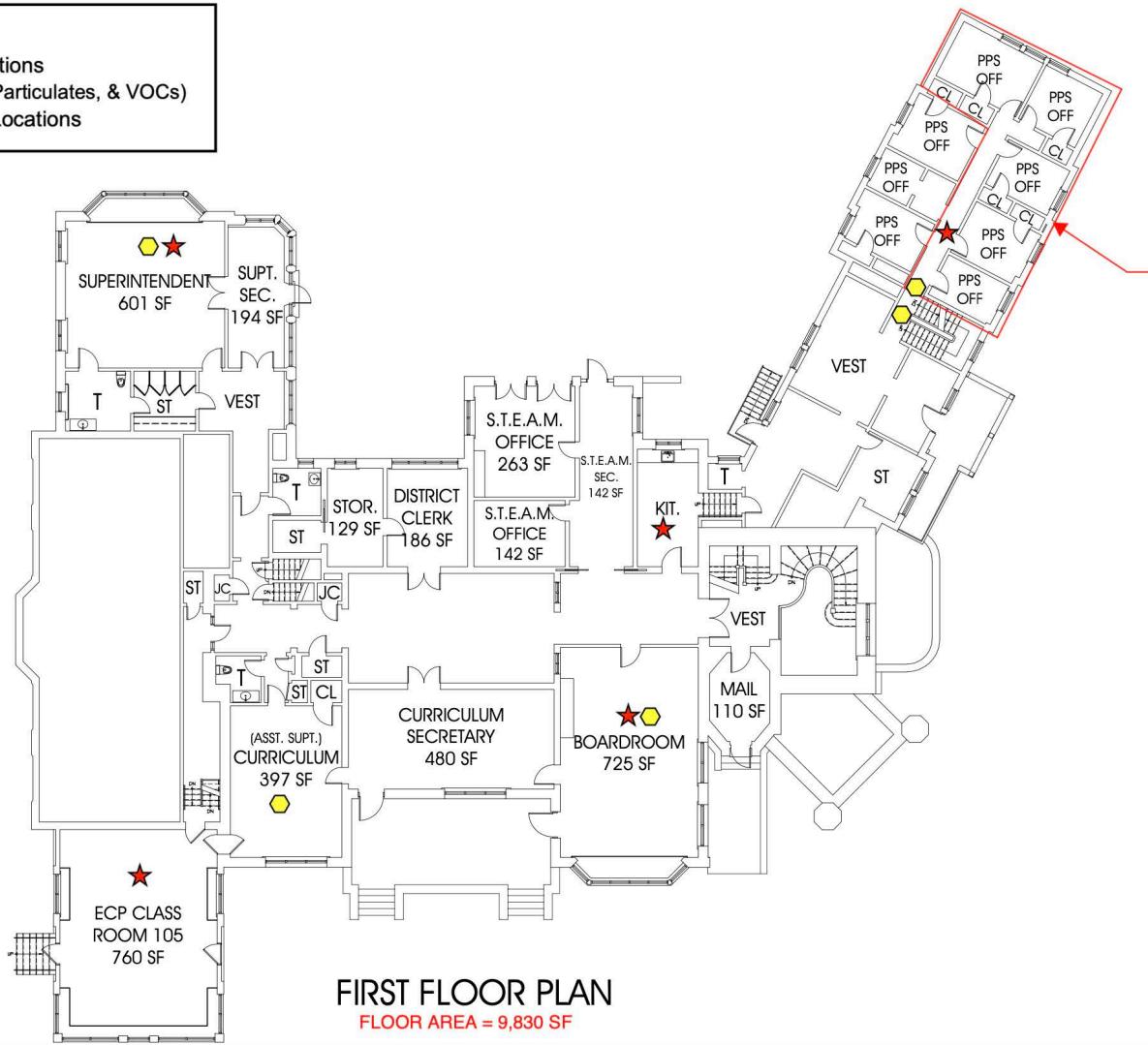
- ★ Air Sample Locations
(Asbestos, Mold, Particulates, & VOCs)
- ◆ Radon Sample Locations



GREENBURGH CENTRAL SCHOOL DISTRICT
ADMINISTRATION BUILDING / EARLY CHILDHOOD PROGRAM
EXISTING FIRST FLOOR PLAN

BBS
ARCHITECTS
LANDSCAPE
ARCHITECTS
ENGINEERS

N.T.S.
AD-02
06-20-19





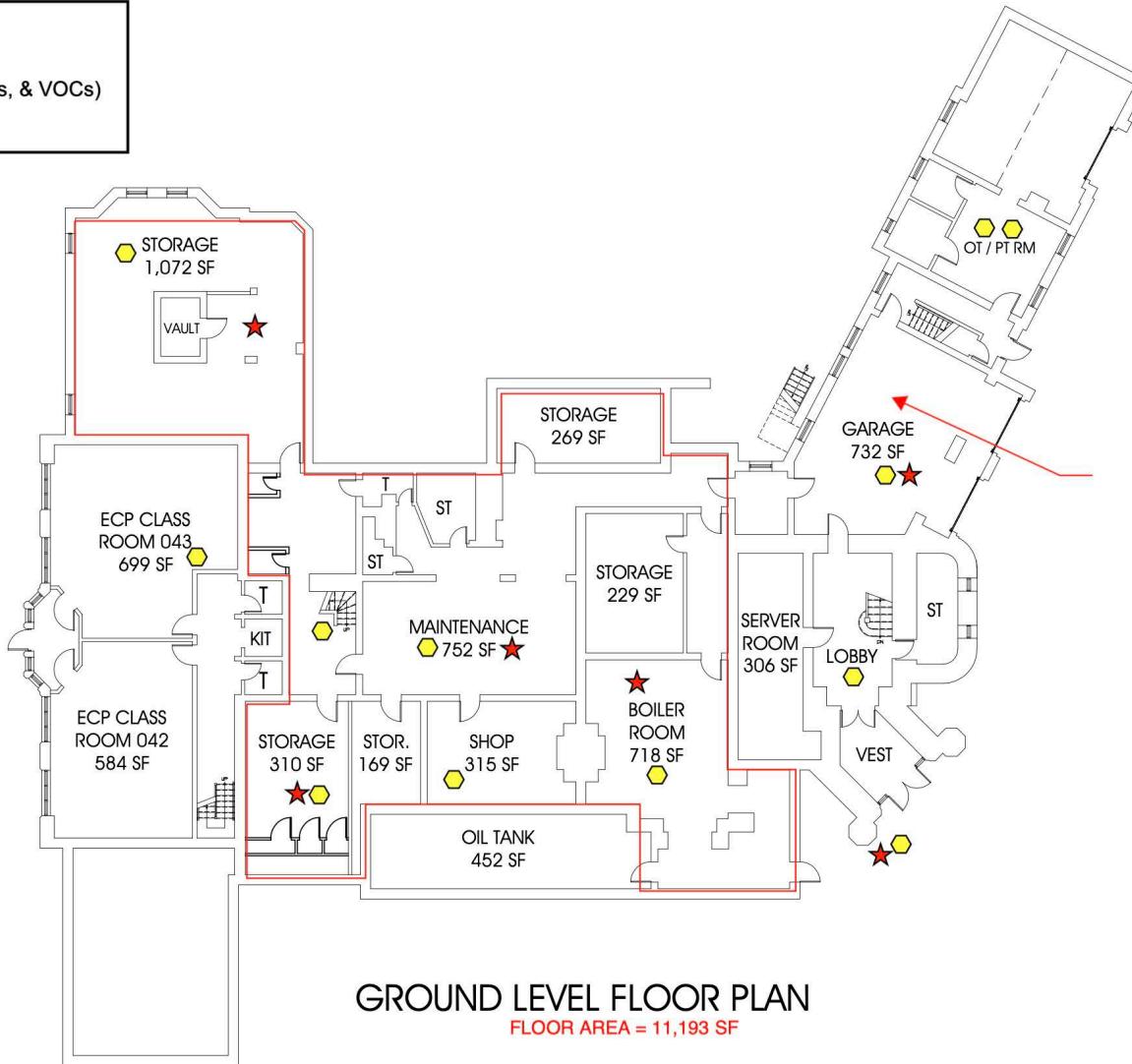
GREENBURGH CENTRAL SCHOOL DISTRICT
ADMINISTRATION BUILDING / EARLY CHILDHOOD PROGRAM
EXISTING GROUND LEVEL FLOOR PLAN

BBS
ARCHITECTS
LANDSCAPE
ARCHITECTS
ENGINEERS

N.T.S.
AD-01
06-20-19

Legend

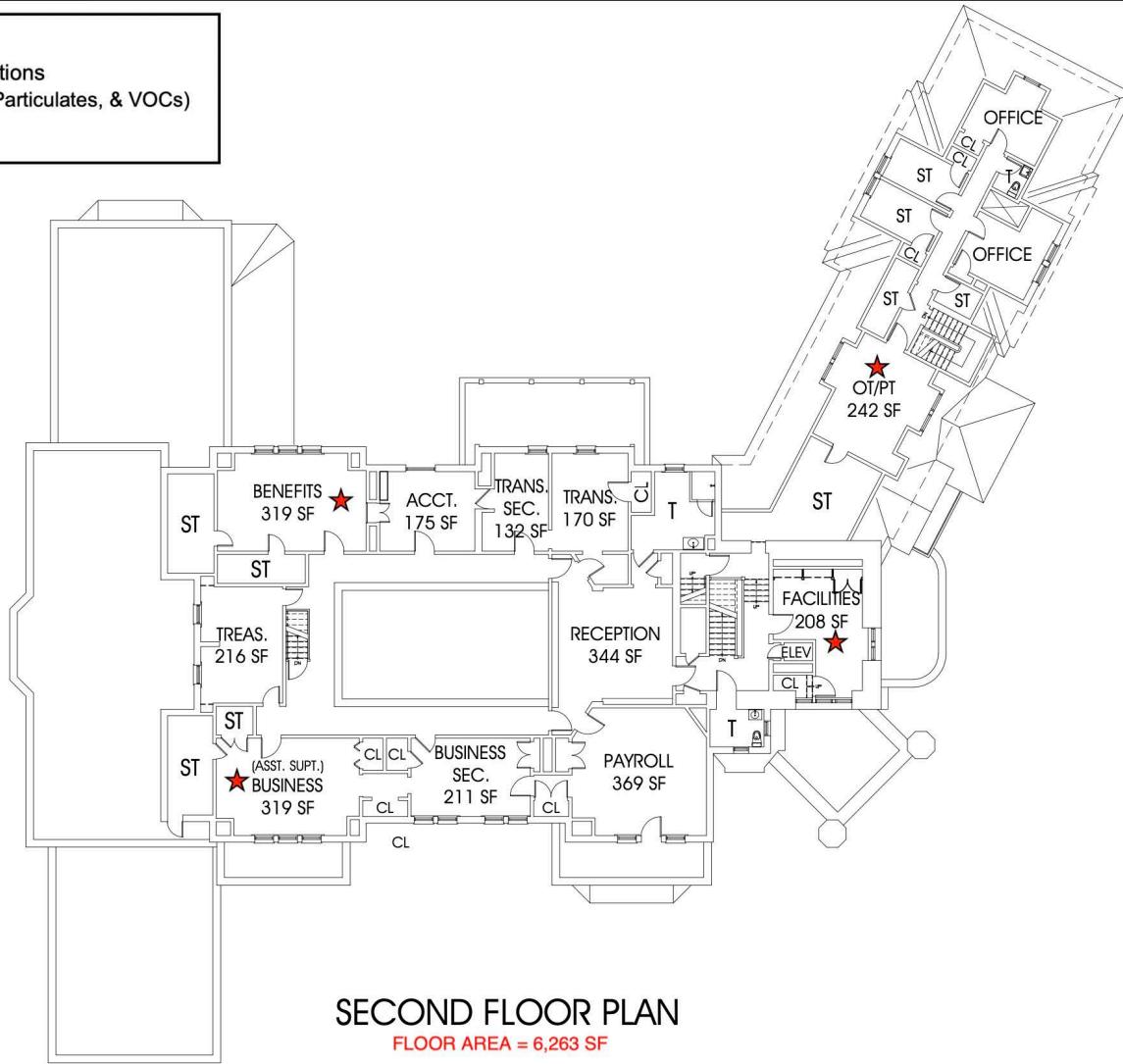
- ★ Air Sample Locations
(Asbestos, Mold, Particulates, & VOCs)
- ◆ Radon Sample Locations





Legend

★ Air Sample Locations (Asbestos, Mold, Particulates, & VOCs)



SECOND FLOOR PLAN

FLOOR AREA = 6,263 SF

**GREENBURGH CENTRAL SCHOOL DISTRICT
ADMINISTRATION BUILDING / EARLY CHILDHOOD PROGRAM
EXISTING FIRST FLOOR PLAN**

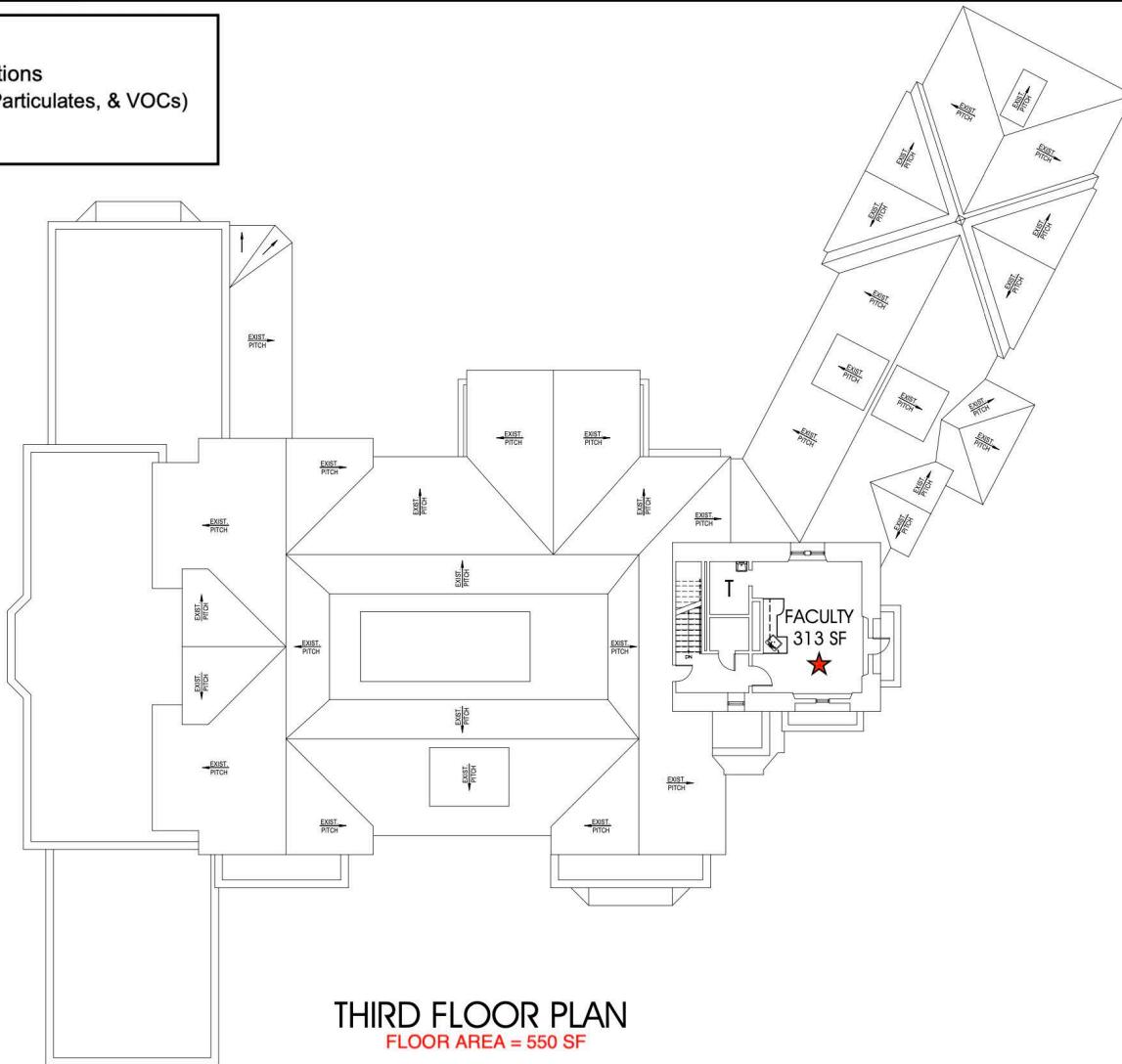
BBS
ARCHITECTS
LANDSCAPE
ARCHITECTS
BAINGER

N.T.S.

AD-03
06-20-19

Legend

★ Air Sample Locations
(Asbestos, Mold, Particulates, & VOCs)



THIRD FLOOR PLAN
FLOOR AREA = 550 SF

GREENBURGH CENTRAL SCHOOL DISTRICT
ADMINISTRATION BUILDING / EARLY CHILDHOOD PROGRAM
EXISTING FIRST FLOOR PLAN

BBS
ARCHITECTS
LANDSCAPE
ARCHITECTS
ENGINEERS

PLATINUM

LEED

ASCE

IRC

NEC

ASCE 7-16

ASCE 35-16

ASCE 7-16

Figure 3

**Leadership in Energy and
Environmental Design
IAQ Performance Guidelines**



Figure 3

Leadership in Energy and Environmental Design Indoor Air Quality Performance Guidelines- VOC and Other Indoor Air Contaminants

Contaminant		Maximum concentration	ASTM and U.S. EPA methods	ISO method
Particulates	PM10 (for all buildings)	50 µg/m ³ Healthcare only: 20 µg/m ³	EPA Compendium Method IP-10	ISO 7708
	PM2.5 (for buildings in EPA nonattainment areas for PM2.5, or local equivalent)	15 µg/m ³		
Ozone (for buildings in EPA nonattainment areas for Ozone, or local equivalent)		0.075 ppm	ASTM D5149 - 02	ISO 13964
Carbon monoxide (CO)		9 ppm; no more than 2 ppm above outdoor levels	EPA Compendium Method IP-3	ISO 4224
Total volatile organic compounds (TVOCs)		500 µg/m ³ Healthcare only: 200 µg/m ³	EPA TO-1, TO-17, or EPA Compendium Method IP-1	ISO 16000-6
Formaldehyde		27 ppb Healthcare only: 16.3 ppb	ASTM D5197, EPA TO-11, or EPA Compendium Method IP-6	ISO 16000-3
Target volatile organic compounds*	1	Acetaldehyde	140 µg/m ³	ASTM D5197; EPA TO-1, TO-17, or EPA Compendium Method IP-1
	2	Benzene	3 µg/m ³	
	3	Carbon disulfide	800 µg/m ³	
	4	Carbon tetrachloride	40 µg/m ³	
	5	Chlorobenzene	1000 µg/m ³	
	6	Chloroform	300 µg/m ³	
	7	Dichlorobenzene (1,4-)	800µg/m ³	
	8	Dichloroethylene (1,1)	70 µg/m ³	
	9	Dimethylformamide (N,N-)	80 µg/m ³	
	10	Dioxane (1,4-)	3000 µg/m ³	
	11	Epichlorohydrin	3 µg/m ³	
	12	Ethylbenzene	2000 µg/m ³	
	13	Ethylene glycol	400 µg/m ³	
	14	Ethylene glycol monoethyl ether	70 µg/m ³	
	15	Ethylene glycol monoethyl ether acetate	300 µg/m ³	
	16	Ethylene glycol monomethyl ether	60 µg/m ³	
	17	Ethylene glycol monomethyl ether acetate	90 µg/m ³	
	19	Hexane (n-)	7000 µg/m ³	
	20	Isophorone	2000 µg/m ³	
	21	Isopropanol	7000 µg/m ³	
	22	Methyl chloroform	1000 µg/m ³	
	23	Methylene chloride	400 µg/m ³	
	24	Methyl t-butyl ether	8000 µg/m ³	
	25	Naphthalene	9 µg/m ³	
	26	Phenol	200 µg/m ³	
	27	Propylene glycol monomethyl ether	7000 µg/m ³	
	28	Styrene	900 µg/m ³	
	29	Tetrachloroethylene (Perchloroethylene)	35 µg/m ³	
	30	Toluene	300 µg/m ³	
	31	Trichloroethylene	600 µg/m ³	
	32	Vinyl acetate	200 µg/m ³	
	33-	Xylenes, technical mixture (m-, o-, p-xylene combined)	700 µg/m ³	
	35			

ppb = parts per billion; ppm = parts per million; µg/cm = micrograms per cubic meter

*The target volatile organic compounds are from CDPH Standard Method v1.1, Table 4-1. The Maximum concentration limits for these target compounds are the full CREL adopted by Cal/EPA OEHHA in effect on June 2014
<http://oehha.ca.gov/air/allrels.html>.

Data Tables

With Laboratory Results



Data Table 1

Asbestos

Data Table 1
Asbestos Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale NY
July 30, 2020

Sample Locations	1. 3 rd Floor Faculty Room	2. 2 nd Floor OT/PT Room	3. 2 nd Floor Facilities	4. 2 nd Floor Asst. Supt. Business	5. 2 nd Floor Benefits	AHERA Air Clearance Value
Asbestos Structures (<i>in structures per square millimeter</i>)	0	0	0	0	0	70

Sample Locations	6. 1 st Floor PPS Office Hallway	7. 1 st Floor Kitchen	8. 1 st Floor Board Room	9. 1 st Floor ECP Classroom 105	10. 1 st Floor Superintendent	AHERA Air Clearance Value
Asbestos Structures (<i>in structures per square millimeter</i>)	0	0	0	0	0	70

Sample Locations	11. Ground Floor Garage	12. Ground Floor Boiler Room	13. Ground Floor Maintenance	14. Ground Floor East Storage	15. Ground Floor West Storage	AHERA Air Clearance Value
Asbestos Structures (<i>in structures per square millimeter</i>)	0	0	0	0	0	70

Sample Locations	16. Outside, Front Entrance	AHERA Ambient Air Clearance Value
Asbestos Structures (<i>in structures per square millimeter</i>)	0	0

Notes:

Location: "Outside, Front Entrance" is outdoor sample.



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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

CLIENT:	Greenburgh Central School District 475 West Hartsdale Avenue, Hartsdale, NY 10530	SAMPLE DATE:	7/30/2020
PROJECT NAME:	Comprehensive Air Quality Assessment - Greenburgh Administration Building	DATE RECEIVED:	7/31/2020
JOB #:	19997	AREA:	Throughout
PAGE #:	1 of 2	SAMPLE TYPE:	Ambient
		SAMPLER:	Drew Cheskin
		CUSTODY #:	28321

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5µ	# of structures >0.5µ <5µ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
1 IWA	3rd Floor Faculty Room	9:00	11:05	125	10	1250	0		0	0	0	.0039	<.0039
2 IWA	2nd Floor OT/PT Office	9:01	11:06	125	10	1250	0		0	0	0	.0039	<.0039
3 IWA	2nd Floor Facilities	9:02	11:07	125	10	1250	0		0	0	0	.0039	<.0039
4 IWA	2nd Floor Asst. Supt. Business	9:03	11:08	125	10	1250	0		0	0	0	.0039	<.0039
5 IWA	2nd Floor Benefits	9:04	11:09	125	10	1250	0		0	0	0	.0039	<.0039
6 IWA	1st Floor PPS Office Hallway	11:20	13:25	125	10	1250	0		0	0	0	.0039	<.0039
7 IWA	1st Floor Kitchen	11:21	13:26	125	10	1250	0		0	0	0	.0039	<.0039
8 IWA	1st Floor Board Room	11:22	13:27	125	10	1250	0		0	0	0	.0039	<.0039
9 IWA	1st Floor ECP Classroom 105	11:23	13:28	125	10	1250	0		0	0	0	.0039	<.0039
10 IWA	1st Floor Superintendent	11:24	13:29	125	10	1250	0		0	0	0	.0039	<.0039
11 IWA	Ground Floor Garage	10:26	12:31	125	10	1250	0		0	0	0	.0039	<.0039

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, µ=micrometer
<=less than, >greater than, Flow Rate in liters per minute

Analyzed by: Edward N. Schuster

Date Analyzed: 8/4/2020

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).

Concentration on the filter is calculated by taking the number of asbestos structures and dividing by the area analyzed. Air concentration is calculated by multiplying the effective filter area (EFA) by the filter concentration and then dividing by the volume of air collected in cubic centimeters (cc).

The data pertaining to these calculations can be found on the Asbestos Count Sheet.

The air filter concentration relates only to air fiber content. When samples are submitted by an outside agency for analysis, Enviroscience Consultants, Inc. can only guarantee the accuracy of the filter concentration. This report may not be reproduced without the express permission of Enviroscience. This report cannot be used to claim endorsement of products by NVLAP or any agency of the U.S. Government.

The samples collected in the response action area demonstrated a filter concentration of asbestos less than seventy structures per square millimeter. This response action is considered complete according to EPA 40 CFR 763.

A result of zero structures per square millimeter is only applicable to the area analyzed. Test results only reflect conditions at the time the samples were taken.



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ELAP # 11681; NVLAP Lab Code 200531-0

TEM AIR SAMPLE RESULTS

CLIENT:	Greenburgh Central School District 475 West Hartsdale Avenue, Hartsdale, NY 10530	SAMPLE DATE:	7/30/2020
PROJECT NAME:	Comprehensive Air Quality Assessment - Greenburgh Administration Building	DATE RECEIVED:	7/31/2020
JOB #:	19997	AREA:	Throughout
PAGE #:	2 of 2	SAMPLE TYPE:	Ambient
		SAMPLER:	Drew Cheskin
		CUSTODY #:	28321

Sample #	Sample Location	Start	End	Run Time Minutes	Flow Rate Average	Volume Liters	Total Asbestos Structures	Type	# of structures > 5µ	# of structures >0.5µ <5µ	Filter Conc. S/mm ²	Sensitivity S/cc	Air Conc. S/cc
12 IWA	Ground Floor Boiler Room	10:27	12:32	125	10	1250	0		0	0	0	.0039	<.0039
13 IWA	Ground Floor Maintenance	10:28	12:33	125	10	1250	0		0	0	0	.0039	<.0039
14 IWA	Ground Floor East Storge	10:29	12:34	125	10	1250	0		0	0	0	.0039	<.0039
15 IWA	Ground Floor West Storage	10:29	12:34	125	10	1250	0		0	0	0	.0039	<.0039
16 OWA	Outside, Front Entrance	12:40	14:45	125	10	1250	0		0	0	0	.0039	<.0039
17	Blank						0		0	0	0		
18	Blank								Not Analyzed				
19	Blank						0		0	0	0		

S=Asbestos structures, cc=cubic centimeters, mm=millimeters, µ=micrometer
<=less than, >greater than, Flow Rate in liters per minute

Analyzed by:

Date Analyzed: 8/4/2020

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).

Concentration on the filter is calculated by taking the number of asbestos structures and dividing by the area analyzed. Air concentration is calculated by multiplying the effective filter area (EFA) by the filter concentration and then dividing by the volume of air collected in cubic centimeters (cc).

The data pertaining to these calculations can be found on the Asbestos Count Sheet.

The air filter concentration relates only to air fiber content. When samples are submitted by an outside agency for analysis, Enviroscience Consultants, Inc. can only guarantee the accuracy of the filter concentration. This report may not be reproduced without the express permission of Enviroscience. This report cannot be used to claim endorsement of products by NVLAP or any agency of the U.S. Government.

The samples collected in the response action area demonstrated a filter concentration of asbestos less than seventy structures per square millimeter. This response action is considered complete according to EPA 40 CFR 763.

A result of zero structures per square millimeter is only applicable to the area analyzed. Test results only reflect conditions at the time the samples were taken.

Data Table 2

Mold



Data Table 2
Mold Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale NY
July 30, 2020

Sample Locations	1. 3 rd Floor Faculty Room	2. 2 nd Floor OT/PT Room	3. 2 nd Floor Facilities	4. 2 nd Floor Asst. Supt. Business	5. 2 nd Floor Benefits	16. Outside Front Entrance
Total Mold Count (<i>in spores per cubic meter</i>)	5,653	6,027	5,547	8,000	5,440	8,320

Sample Locations	6. 1 st Floor PPS Office Hallway	7. 1 st Floor Kitchen	8. 1 st Floor Board Room	9. 1 st Floor ECP Classroom 105	10. 1 st Floor Superintendent	16. Outside Front Entrance
Total Mold Count (<i>in spores per cubic meter</i>)	7,520	3,040	2,293	7,680	3,413	8,320

Sample Locations	11. Ground Floor Garage	12. Ground Floor Boiler Room	13. Ground Floor Maintenance	14. Ground Floor East Storage	15. Ground Floor West Storage	16. Outside Front Entrance
Total Mold Count (<i>in spores per cubic meter</i>)	3,680	4,320	1,867	3,253	1,760	8,320

Notes:

Location: "Outside, Front Entrance" is outdoor sample.



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AIHA-LAP EMLAP# 102747

7184 North Park Drive
Pennsauken, New Jersey 08109
(856) 486-1177
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Enviroscience Consultants, Inc. (NY)

2150 Smithtown Avenue

Ronkonkoma, New York 11779

Project: 19997 / GREENBURGH CSD ADMINISTRATION BUILDING

Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 07/30/2020

Date Received: 08/03/2020

Date Analyzed: 08/03/2020

Date Reported: 08/04/2020

Project ID: 20031076

Page 1 of 5

Page 1 of 3



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2150 Smithtown Avenue
Ronkonkoma, New York 11779
Project: **19997 / GREENBURGH C**
Condition of Sample(s) Upon Receipt

Project: 19997 / GREENBURGH CSD ADMINISTRATION BUILDING

Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 07/30/2020
Date Received: 08/03/2020
Date Analyzed: 08/03/2020
Date Reported: 08/04/2020
Project ID: 20031076

Page 2 of 5



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Project: 19997 / GREENBURGH C

Project: 19997 / GREENBURGH CSD ADMINISTRATION BUILDING

Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 07/30/2020
Date Received: 08/03/2020
Date Analyzed: 08/03/2020
Date Reported: 08/04/2020
Project ID: 20031076
Page 3 of 5

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Project: **19997 / GREENBURGH CSD ADMINISTRATION BUILDING**

Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 07/30/2020

Date Received: 08/03/2020

Date Analyzed: 08/03/2020

Date Reported: 08/04/2020

Project ID: 20031076

Page 4 of 5

Client Sample Number	10 1ST FL SUPERINTENDENT		11 GROUND FL GARAGE		12 GROUND FL BOILER ROOM		16 OUTSIDE FRONT ENTRANCE	
Sample Location	75	20031076-010	75	20031076-011	75	20031076-012	75	20031076-016
Results	Raw Ct	spr/m ³	Raw Ct	spr/m ³	Raw Ct	spr/m ³	Raw Ct	spr/m ³
Alternaria	-	-	-	-	-	-	1	53
ascospores	32	1707	9	480	4	213	23	1227
basidiospores	16	853	9	480	2	107	28	1493
Cercospora	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-
Cladosporium	10	533	33	1760	38	2027	64	3413
Curvularia	-	-	-	-	-	-	1	53
Dicyma	-	-	-	-	-	-	-	-
Dresh/Bip.	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-
hyphal elem.	-	-	1	53	-	-	2	107
Nigrospora	-	-	-	-	-	-	-	-
Pen/Asp grp	6	320	16	853	35	1867	35	1867
Pithomyces	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
Smut,Per,Myx	-	-	1	53	-	-	2	107
Stachybotrys	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	2	107	-	-
Total Count	64	3413	69	3680	81	4320	156	8320
Epithelial cells	8	427	13	693	38	2027	-	-
Fibrous glass	-	-	-	-	-	-	-	-
Insect fragments	2	107	1	53	7	373	4	213
-	-	-	-	-	-	-	-	-
Other Fibers	1	53	1	53	2	107	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
Pollens	-	-	-	-	-	-	-	-
Debris Rating	-	3	-	3	-	3	-	3
Analytical Sensitivity	-	13	-	13	-	13	-	13
Comments								

Enviroscience Consultants, Inc. (NY)

2150 Smithtown Avenue

Ronkonkoma, New York 11779

Project: **19997 / GREENBURGH CSD ADMINISTRATION BUILDING**

Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 07/30/2020

Date Received: 08/03/2020

Date Analyzed: 08/03/2020

Date Reported: 08/04/2020

Project ID: 20031076

Page 5 of 5

Client Sample Number	13 GROUND FL MAINTENANCE		14 GROUND FL EAST STORAGE		15 GROUND FL WEST STORAGE		16 OUTSIDE FRONT ENTRANCE	
	Sample Location	Sample Volume (L)	Raw Ct	spr/m³	Raw Ct	spr/m³	Raw Ct	spr/m³
Results	Raw Ct	spr/m³	Raw Ct	spr/m³	Raw Ct	spr/m³	Raw Ct	spr/m³
Alternaria	-	-	-	-	-	-	1	53
ascospores	2	107	5	267	11	587	23	1227
basidiospores	-	-	-	-	2	107	28	1493
Cercospora	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-
Cladosporium	4	213	28	1493	10	533	64	3413
Curvularia	-	-	-	-	-	-	1	53
Dicyma	-	-	-	-	-	-	-	-
Dresh/Bip.	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-
hyphal elem.	-	-	-	-	-	-	2	107
Nigrospora	-	-	-	-	-	-	-	-
Pen/Asp grp	28	1493	27	1440	10	533	35	1867
Pithomyces	-	-	1	53	-	-	-	-
-	-	-	-	-	-	-	-	-
Smut,Per,Myx	1	53	-	-	-	-	2	107
Stachybotrys	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-
Total Count	35	1867	61	3253	33	1760	156	8320
Epithelial cells	28	1493	52	2773	10	533	-	-
Fibrous glass	-	-	-	-	-	-	-	-
Insect fragments	2	107	2	107	2	107	4	213
-	-	-	-	-	-	-	-	-
Other Fibers	1	53	1	53	1	53	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
Pollens	-	-	-	-	-	-	-	-
Debris Rating	-	3	-	3	-	3	-	3
Analytical Sensitivity	-	13	-	13	-	13	-	13
Comments								



2150 Smithtown Ave., Ronkonkoma, NY 11779
PH (631) 580-3191 FAX (631) 580-3195

20031076

Project # 19997

Chain of Custody Analysis Request Form

Aerobiology Lab 7184 North Park Drive Pennsauken, NJ 08109 (856) 486-1177		Sampling Site Address and/or Project: Greenburgh CSD Administration Building						Indicate Analysis Requested Spore Trap CMBF Other ↓
Sampling Technician: Glen Bornhoft			# of Samples: 16	Date of Sampling: 7/30/2020				
Lab Use Only ↓	Sample No. ↓	Sample Location Sample ID ↓	Matrix (W) Water, (S) Soil, (A) Air, (SL) Sludge, (O) Other	Flow Rate ↓	Min ↓	Sampling Time ↓	Analysis Requested ↓	
1	3rd Fl Faculty Room	A	15	5	13:31	Spore Trap		
2	2nd Fl OT/PT Office	A	15	5	13:33	Spore Trap		
3	2nd Fl Facilities	A	15	5	13:40	Spore Trap		
4	2nd Fl Asst Supt Business	A	15	5	13:46	Spore Trap		
5	2nd Fl Benefits	A	15	5	13:50	Spore Trap		
6	1st Fl PPS Office Hallway	A	15	5	14:18	Spore Trap		
7	1st Fl Kitchen	A	15	5	14:21	Spore Trap		
8	1st Fl Boardroom	A	15	5	14:26	Spore Trap		
9	1st Fl ECP Classroom 105	A	15	5	14:57	Spore Trap		
10	1st Fl Superintendent	A	15	5	14:59	Spore Trap		
11	Ground Fl Garage	A	15	5	15:13	Spore Trap		
12	Ground Fl Boiler Room	A	15	5	15:23	Spore Trap		
13	Ground Fl Maintenance	A	15	5	15:31	Spore Trap		
14	Ground Fl East Storage	A	15	5	15:33	Spore Trap		
15	Ground Fl West Storage	A	15	5	15:40	Spore Trap		
16	Outside Front Entrance	A	15	5	16:19	Spore Trap		
Released By: GPB Time: 9:30		Shipment Date: 7/31/2020	Delivery Method: UPS	Received By: T.S	Date: 8-3-20 Time: 9:45 am	Condition: OK		
Comments: SST Format 24 Hr TAT			Reporting Info: gln@envirohealth.org jbuerten@envirohealth.org gbornhoft@envirohealth.org bgallagher@envirohealth.org			Billing Info: jbuerten@envirohealth.org		



2150 Smithtown Avenue
Ronkonkoma, NY 11779
Ph: 631-580-3191, Fax 631-580-3195

IAQ Sample Data and Results	Project #: 19997	Sampling Site Address and/or Project: Greenburgh CSD Administration Building 475 West Hartsdale Ave., Hartsdale, NY 10530
Sampling Technician: Glen Bornhoft	# of Samples: 16	Date of Sampling 7/30/2020

Sample No. ↓	Sample Location Sample ID ↓	Matrix (W) Water, (S)Soil (A) Air, (SL) Sludge, (O) Other	Flow Rate ↓	Min ↓	Sampling Time ↓	Analysis Requested ↓	Temp F ↓	Rel Hum %RH	CO2 ↓	CO ppm ↓
1	3rd Fl Faculty Room	A	15	5	13:31	Spore	87.8	57.2	500	
2	2nd Fl OT/PT Office	A	15	5	13:33	Spore	86.0	58.2	489	
3	2nd Fl Facilities	A	15	5	13:40	Spore	85.1	58.6	503	
4	2nd Fl Asst Supt Business	A	15	5	13:46	Spore	89.6	52.4	498	
5	2nd Fl Benefits	A	15	5	13:50	Spore	88.7	54.1	510	
6	1st Fl PPS Office Hallway	A	15	5	14:18	Spore	86.0	55.8	478	
7	1st Fl Kitchen	A	15	5	14:21	Spore	89.2	58.7	518	
8	1st Fl Boardroom	A	15	5	14:26	Spore	88.2	58.3	529	
9	1st Fl ECP Classroom 105	A	15	5	14:57	Spore	84.2	62.5	508	
10	1st Fl Superintendent	A	15	5	14:59	Spore	84.2	61.3	515	
11	Ground Fl Garage	A	15	5	15:13	Spore	80.6	66.9	530	
12	Ground Fl Boiler Room	A	15	5	15:23	Spore	80.6	67.2	507	
13	Ground Fl Maintenance	A	15	5	15:31	Spore	79.7	66.9	497	
14	Ground Fl East Storage	A	15	5	15:33	Spore	80.6	64.8	484	
15	Ground Fl West Storage	A	15	5	15:40	Spore	79.7	62.3	489	
16	Outside Front Entrance	A	15	5	16:19	Spore	86.9	50.8	454	

Additional Comments:



2150 Smithtown Avenue
Ronkonkoma, NY 11779
Ph: 631-580-3191, Fax 631-580-3195

IAQ Sample Data and Results	Project #: 19997	Sampling Site Address and/or Project: Greenburgh CSD Administration Building 475 West Hartsdale Ave., Hartsdale, NY 10530
Sampling Technician: Glen Bornhoft	# of Samples: 16	Date of Sampling 7/30/2020

Sample No. ↓	Sample Location Sample ID ↓	Matrix (W) Water, (S)Soil (A) Air, (SL) Sludge, (O) Other	Flow Rate ↓	Min ↓	Sampling Time ↓	Analysis Requested ↓	Temp F ↓	Rel Hum %RH	CO2 ↓	
1	3rd Fl Faculty Room	A	15	5	13:31	Spore	87.8	57.2	500	
2	2nd Fl OT/PT Office	A	15	5	13:33	Spore	86.0	58.2	489	
3	2nd Fl Facilities	A	15	5	13:40	Spore	85.1	58.6	503	
4	2nd Fl Asst Supt Business	A	15	5	13:46	Spore	89.6	52.4	498	
5	2nd Fl Benefits	A	15	5	13:50	Spore	88.7	54.1	510	
6	1st Fl PPS Office Hallway	A	15	5	14:18	Spore	86.0	55.8	478	
7	1st Fl Kitchen	A	15	5	14:21	Spore	89.2	58.7	518	
8	1st Fl Boardroom	A	15	5	14:26	Spore	88.2	58.3	529	
9	1st Fl ECP Classroom 105	A	15	5	14:57	Spore	84.2	62.5	508	
10	1st Fl Superintendent	A	15	5	14:59	Spore	84.2	61.3	515	
11	Ground Fl Garage	A	15	5	15:13	Spore	80.6	66.9	530	
12	Ground Fl Boiler Room	A	15	5	15:23	Spore	80.6	67.2	507	
13	Ground Fl Maintenance	A	15	5	15:31	Spore	79.7	66.9	497	
14	Ground Fl East Storage	A	15	5	15:33	Spore	80.6	64.8	484	
15	Ground Fl West Storage	A	15	5	15:40	Spore	79.7	62.3	489	
16	Outside Front Entrance	A	15	5	16:19	Spore	86.9	50.8	454	

Additional Comments:

Data Table 3

Total Particulates



Data Table 3
Particulates Not Otherwise Regulated, Total Dust Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale NY
July 30, 2020

Sample Locations	1. 3 rd Floor Faculty Room	2. 2 nd Floor OT/PT Room	3. 2 nd Floor Facilities	4. 2 nd Floor Asst. Supt. Business	5. 2 nd Floor Benefits	OSHA Permissible Exposure Limit for Particulates Not Otherwise Regulated
Particulates (in micrograms per cubic meter)	<0.50	<0.50	<0.50	<0.50	<0.50	15

Sample Locations	6. 1 st Floor PPS Office Hallway	7. 1 st Floor Kitchen	8. 1 st Floor Board Room	9. 1 st Floor ECP Classroom 105	10. 1 st Floor Superintendent	OSHA Permissible Exposure Limit for Particulates Not Otherwise Regulated
Particulates (in micrograms per cubic meter)	<0.50	<0.50	<0.50	<0.50	<0.50	15

Sample Locations	11. Ground Floor Garage	12. Ground Floor Boiler Room	13. Ground Floor Maintenance	14. Ground Floor East Storage	15. Ground Floor West Storage	OSHA Permissible Exposure Limit for Particulates Not Otherwise Regulated
Particulates (in micrograms per cubic meter)	<0.50	<0.50	<0.50	<0.50	<0.50	15

Sample Locations	16. Outside, Front Entrance	OSHA Permissible Exposure Limit for Particulates Not Otherwise Regulated
Particulates (in micrograms per cubic meter)	<0.50	15

Notes: Location: "Outside, Front Entrance" is outdoor sample.



EMSL Analytical - Industrial Hygiene

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

<http://www.EMSL.com>

silicalab@emsl.com

EMSL Order: 722001015
CustomerID: EVRO50
CustomerPO:
ProjectID:

Attn: **Glen Bornhoft**
Enviroscience Consultants
2150 Smithtown Avenue
Ronkonkoma, NY 11779

Phone: (631) 580-3191
Fax: (631) 580-3195
Received: 08/03/20 8:00 AM
Analysis Date: 8/4/2020
Collected: 7/30/2020

Project: Greengurgh Administration Building / Job #19997

Test Report: Total Dust by NIOSH 0500

Sample	Location	Volume (L)	Sample Weight (mg)	Concentration (mg/m³)	Reporting Limit (mg/m³)	Notes
1	2nd Fl. Faculty Room	100	<0.050	<0.50	0.50	722001015-0001
2	2nd Fl. OT/PT Office	100	<0.050	<0.50	0.50	722001015-0002
3	2nd Fl. Facilities	100	<0.050	<0.50	0.50	722001015-0003
4	2nd Fl. Asst. Supt. Business	100	<0.050	<0.50	0.50	722001015-0004
5	2nd Fl. Benefits	100	<0.050	<0.50	0.50	722001015-0005
6	2st Fl. PPS Office Hallway	100	<0.050	<0.50	0.50	722001015-0006
7	1st Fl. Kitchen	100	<0.050	<0.50	0.50	722001015-0007
8	1st Fl. Boardroom	100	<0.050	<0.50	0.50	722001015-0008
9	1st Fl. ECP Classroom 105	100	<0.050	<0.50	0.50	722001015-0009
10	1st Fl. Superintendent	100	<0.050	<0.50	0.50	722001015-0010
11	Ground Fl. Garage	100	<0.050	<0.50	0.50	722001015-0011
12	Ground Fl. Boiler Room	100	<0.050	<0.50	0.50	722001015-0012

Analyst(s)

Katelynn Sweeney (16)


Katherine Foster, Laboratory Manager
or other approved signatory

The laboratory is not responsible for data reported in mg/m³, which is dependent on volume collected by non-laboratory personnel. Reporting limits for samples without volumes, such as Field Blanks, are 0.05 mg. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ AIHA-LAP, LLC-IHLAP Accredited Lab 100194

Initial report from 08/04/2020 10:45:10

Test Report IHNuisanceDust-7.27.6 Printed: 8/4/2020 10:45:10 AM



EMSL Analytical - Industrial Hygiene

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

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silicalab@emsl.com

EMSL Order: 722001015
CustomerID: EVRO50
CustomerPO:
ProjectID:

Attn: **Glen Bornhoft**
Enviroscience Consultants
2150 Smithtown Avenue
Ronkonkoma, NY 11779

Phone: (631) 580-3191
Fax: (631) 580-3195
Received: 08/03/20 8:00 AM
Analysis Date: 8/4/2020
Collected: 7/30/2020

Project: Greengurgh Administration Building / Job #19997

Test Report: Total Dust by NIOSH 0500

Sample	Location	Volume (L)	Sample Weight (mg)	Concentration (mg/m³)	Reporting Limit (mg/m³)	Notes
13 722001015-0013	Ground Fl. Maintenance	100	<0.050	<0.50	0.50	
14 722001015-0014	Ground Fl. East Storage	100	<0.050	<0.50	0.50	
15 722001015-0015	Ground Fl. West Storage	100	<0.050	<0.50	0.50	
16 722001015-0016	Outside Front Entrance	100	<0.050	<0.50	0.50	

Notes: Discernable field blank not submitted with samples.

Results are not field blank corrected.

Analyst(s)

Katelynn Sweeney (16)

Katherine Foster, Laboratory Manager
or other approved signatory

The laboratory is not responsible for data reported in mg/m³, which is dependent on volume collected by non-laboratory personnel. Reporting limits for samples without volumes, such as Field Blanks, are 0.05 mg. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ AIHA-LAP, LLC-IHLAP Accredited Lab 100194

Initial report from 08/04/2020 10:45:10

Test Report IHNuisanceDust-7.27.6 Printed: 8/4/2020 10:45:10 AM

THIS IS THE LAST PAGE OF THE REPORT.

Data Tables 4 a, b, c

VOCs

Data Table 4A
Outdoor Ambient Air Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale, NY
July 30, 2020

Volatiles (TO15)	Outside Front Entrance	NYSDEC Short-Term Guideline Concentrations (SGC)
<i>Volatile Organic Compounds (in micrograms per cubic meter)</i>		
Acetone	10.7	180,000
Carbon Tetrachloride	0.4	1,900
Chloromethane	1.03	22,000
Dichlorodifluoromethane	1.96	-
Ethanol	10.5	-
Isopropyl Alcohol	1.41	98,000
Methyl Ethyl Ketone	1.24	13,000
Trichlorofluoromethane	1.26	9,000

Notes:

Only detected compounds are reported

ND = Not detected

- = No SGC is available for this compound

Data Table 4B
Indoor Ambient Air Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale, NY
July 30, 2020

Volatiles (TO15)	1. 3 rd Floor Faculty Room	2. 2 nd Floor OT/PT Office	3. 2 nd Floor Facilities	4. 2 nd Floor Asst. Supt. Business	5. 2 nd Floor Benefits	6. 1 st Floor PPS Office Hallway	7. 1 st Floor Kitchen	8. 1 st Floor Boardroom	NYSDOH Indoor Air Quality Guidelines 95 th Percentile
Volatile Organic Compounds (in micrograms per cubic meter)									
1, 1, 1-Trichloroethane	18.0	42.8	20.8	8.78	7.80	5.83	42.0	18.2	6.9
1, 2, 4-Trimethylbenzene	6.09	11.7	6.68	3.50	2.95	2.26	11.3	5.65	18
1, 3, 5- Trimethylbenzene	1.63	3.16	1.74	1.01	ND	ND	3.30	1.49	6.5
1, 4-Dichlorobenzene	2.01	ND	2.08	3.58	3.76	13.3	ND	1.18	2.6
4-Ethyltoluene	1.47	2.96	1.61	ND	ND	2.13	2.78	1.48	-
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	-
Acetone	61.2	121	67.9	43.2	39.2	32.3	93.5	54.4	140
Benzene	4.09	9.9	5.27	2.21	1.93	ND	8.94	3.77	29
Carbon Tetrachloride	0.43	0.47	0.48	0.50	0.47	0.44	0.46	0.43	1.1
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	4.6
Chloromethane	1.17	1.09	1.15	1.16	1.14	1.14	1.13	1.16	5.2
Cyclohexane	3.68	7.05	4.13	2.30	1.90	ND	6.60	3.18	19
Dichlorodifluoromethane	2.04	2.06	1.96	2.53	1.82	1.81	2.68	1.91	26
Ethanol	245	377	324	134	112	48.6	314	182	3,000
Ethyl Acetate	3.26	ND	2.99	6.16	5.58	44.7	ND	2.22	-
Ethylbenzene	6.38	10.9	7.03	4.99	4.64	9.11	10.1	5.42	13
Heptane	5.08	10.1	5.86	3.16	2.69	1.83	9.42	4.63	33
Hexane	13.3	30.3	15.2	6.66	5.64	2.43	27.7	12.4	35
Isopropyl Alcohol	24.8	7.98	204	20.5	15.0	8.72	7.15	7.32	-
m & p-Xylenes	25.3	43.0	28.0	19.9	18.6	37.1	40.1	21.3	21
Methyl Ethyl Ketone	3.83	4.75	4.04	3.63	3.42	3.86	4.69	3.71	39
Methylene Chloride	ND	3.51	ND	ND	ND	ND	3.17	ND	60*
o-Xylene	8.20	14.7	8.94	5.64	5.25	8.2	13.3	6.90	13
sec-Butylbenzene	ND	ND	ND	ND	3.30	ND	ND	ND	1.7
Tetrachloroethene	11.3	24.6	12.6	5.49	5.04	1.99	22.7	10.6	30*
Tetrahydrofuran	4.42	9.40	5.16	3.01	2.48	2.88	8.78	4.07	9.4
Toluene	20.3	43.3	23.7	10.7	9.11	4.26	40.3	18.6	110
Trichlorofluoromethane	1.36	1.24	1.31	1.40	1.36	1.33	1.40	1.30	30

Data Table 4B
Indoor Ambient Air Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale, NY
July 30, 2020

Volatiles (TO15)	9. 1 st Floor ECP Room 105	10. 1 st Floor Superintendent Office	11. Ground Floor Garage	12. Ground Floor Boiler Room	13. Ground Floor Maintenance	14. Ground Floor East Storage	15. Ground Floor West Storage	NYSDOH Indoor Air Quality Guidelines 95 th Percentile
Volatile Organic Compounds (in micrograms per cubic meter)								
1, 1, 1-Trichloroethane	ND	50.9	31.4	ND	11.6	8.67	10.3	6.9
1, 2, 4-Trimethylbenzene	ND	11.7	8.30	2.02	4.23	3.83	ND	18
1, 3, 5- Trimethylbenzene	ND	3.14	2.24	ND	1.19	1.13	1.52	6.5
1, 4-Dichlorobenzene	ND	ND	ND	ND	5.92	17.6	44.0	2.6
4-Ethyltoluene	ND	2.89	2.05	1.94	1.10	1.04	1.47	-
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	1.08	-
Acetone	17.4	127	78.3	12.6	50.3	60.1	45.1	140
Benzene	ND	10.0	6.64	ND	3.38	2.01	1.77	29
Carbon Tetrachloride	0.47	0.41	0.44	0.48	0.45	0.48	0.49	1.1
Chloroform	ND	ND	2.20	7.66	ND	ND	ND	4.6
Chloromethane	1.11	1.15	1.09	1.01	1.10	1.08	1.10	5.2
Cyclohexane	ND	7.29	4.61	ND	2.72	1.98	1.70	19
Dichlorodifluoromethane	1.81	2.13	2.01	2.11	2.68	1.97	1.87	26
Ethanol	39.2	426	147	11.5	63.3	55.9	48.4	3,000
Ethyl Acetate	1.24	ND	1.07	ND	4.83	14.5	30.4	-
Ethylbenzene	1.11	11.2	7.59	ND	6.29	10.6	23.9	13
Heptane	1.07	10.4	7.00	ND	3.78	3.17	2.65	33
Hexane	1.43	30.8	19.4	ND	9.33	7.05	5.21	35
Isopropyl Alcohol	3.46	ND	10.4	3.83	7.15	7.22	10.9	-
m & p-Xylenes	4.08	44.3	30.7	2.39	25.7	43.8	98.5	21
Methyl Ethyl Ketone	1.98	4.83	4.21	1.35	7.40	19.9	6.34	39
Methylene Chloride	ND	4.06	ND	ND	ND	3.61	ND	60*
o-Xylene	1.23	15.1	10.5	ND	7.42	10.6	20.8	13
sec-Butylbenzene	ND	ND	ND	ND	4.72	ND	ND	1.7
Tetrachloroethene	0.67	28.6	17.1	0.48	9.35	5.67	4.87	30*
Tetrahydrofuran	ND	8.05	6.87	ND	7.46	17.1	5.22	9.4
Toluene	2.30	44.4	29.5	1.82	14.3	10.7	9.00	110
Trichlorofluoromethane	1.30	1.31	1.32	1.29	1.39	1.36	1.35	30

Data Table 4B
Indoor Ambient Air Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale, NY
July 30, 2020

Notes:

Only detected compounds are reported.

ND = Not detected

- = No indoor air quality guidelines are available for this compound

* = Indoor Air Guidance Value for taken from the revised Table 3.1 values in the *New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006.

Bold values indicate an exceedance of the NYSDOH Indoor Air Quality Guidelines.

Location: "Outside Front Entrance," is the outdoor sample and is provided in Table 4A.

Data Table 4C
Total Volatile Organic Compound Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale, NY
July 30, 2020

Sample Locations	1. 3 rd Floor Faculty Room	2. 2 nd Floor OT/PT Office	3. 2 nd Floor Facilities	4. 2 nd Floor Asst. Supt. Business	5. 2 nd Floor Benefits	6. 1 st Floor PPS Office Hallway	7. 1 st Floor Kitchen	8. 1 st Floor Boardroom	California EPA Chronic Reference Exposure Limit (REL)
Volatile Organic Compounds (<i>in micrograms per cubic meter</i>)	474.34	782.97	756.63	294.01	255.08	234.22	675.5	373.32	500

Sample Locations	9. 1 st Floor ECP Room 105	10. 1 st Floor Super- intendent	11. Ground Floor Garage	12. Ground Floor Boiler Room	13. Ground Floor Maintenance	14. Ground Floor East Storage	15. Ground Floor West Storage	16. Outside Front Entrance	California EPA Chronic Reference Exposure Limit (REL)
Volatile Organic Compounds (<i>in micrograms per cubic meter</i>)	79.86	845.66	431.94	50.96	257.09	311.07	377.33	28.5	500

Notes:

Bold values indicate an exceedance of the California EPA Chronic Reference Exposure Limit (REL) Guidelines.

Location: "Outside Front Entrance," is the outdoor sample



Wednesday, August 05, 2020

Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Project ID: GREENBURGH CSD ADMIN BLDG
SDG ID: GCG44957
Sample ID#s: CG44957 - CG44972

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

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

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

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

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



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



Sample Id Cross Reference

August 05, 2020

SDG I.D.: GCG44957

Project ID: GREENBURGH CSD ADMIN BLDG

Client Id	Lab Id	Matrix
1ST FL KITCHEN	CG44957	AIR
2ND FL ASST SUPT BUSINESS	CG44958	AIR
2ND FL FACILITIES	CG44959	AIR
1ST FL SUPERINTENDENT OFFICE	CG44960	AIR
2ND FL OT/PT OFFICE	CG44961	AIR
2ND FLR BENEFITS	CG44962	AIR
1ST FL BOARDROOM	CG44963	AIR
3RD FL FACULTY ROOM	CG44964	AIR
1ST FL ECP CLASSROOM 105	CG44965	AIR
1ST FL PPS OFFICE HALLWAY	CG44966	AIR
GROUND FL BOILER RM	CG44967	AIR
GROUND FL GARAGE	CG44968	AIR
OUTSIDE FRONT ENTRANCE	CG44969	AIR
GROUND FL EAST STORAGE	CG44970	AIR
GROUND FL MAINTENANCE	CG44971	AIR
GROUND FL WEST STORAGE	CG44972	AIR



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
 Enviroscience Consultants
 2150 Smithtown Ave
 Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
 Location Code: ENV-SCI
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 17161

Custody Information

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

Date

07/30/20 10:25
 07/31/20 17:30

Time

SDG ID: GCG44957
 Phoenix ID: CG44957

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 1ST FL KITCHEN

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	07/31/20	KCA	1	1
1,1,1-Trichloroethane	7.70	0.183	42.0	1.00	07/31/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	07/31/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	07/31/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	07/31/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	07/31/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	07/31/20	KCA	1	
1,2,4-Trimethylbenzene	2.31	0.204	11.3	1.00	07/31/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	07/31/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	07/31/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	07/31/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	07/31/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	07/31/20	KCA	1	
1,3,5-Trimethylbenzene	0.617	0.204	3.03	1.00	07/31/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	07/31/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	07/31/20	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	07/31/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	07/31/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	07/31/20	KCA	1	1
4-Ethyltoluene	0.566	0.204	2.78	1.00	07/31/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	07/31/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	07/31/20	KCA	1	
Acetone	39.4	0.421	93.5	1.00	07/31/20	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	07/31/20	KCA	1	
Benzene	2.80	0.313	8.94	1.00	07/31/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	07/31/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 1ST FL KITCHEN

Phoenix I.D.: CG44957

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	
Bromodichloromethane	ND	0.149	ND	1.00	07/31/20	KCA	1
Bromoform	ND	0.097	ND	1.00	07/31/20	KCA	1
Bromomethane	ND	0.258	ND	1.00	07/31/20	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	07/31/20	KCA	1
Carbon Tetrachloride	0.073	0.032	0.46	0.20	07/31/20	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	07/31/20	KCA	1
Chloroethane	ND	0.379	ND	1.00	07/31/20	KCA	1
Chloroform	ND	0.205	ND	1.00	07/31/20	KCA	1
Chloromethane	0.549	0.485	1.13	1.00	07/31/20	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	07/31/20	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	07/31/20	KCA	1
Cyclohexane	1.92	0.291	6.60	1.00	07/31/20	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	07/31/20	KCA	1
Dichlorodifluoromethane	0.543	0.202	2.68	1.00	07/31/20	KCA	1
Ethanol	167	E 0.531	314	1.00	07/31/20	KCA	1 1
Ethyl acetate	ND	0.278	ND	1.00	07/31/20	KCA	1 1
Ethylbenzene	2.33	0.230	10.1	1.00	07/31/20	KCA	1
Heptane	2.30	0.244	9.42	1.00	07/31/20	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	07/31/20	KCA	1
Hexane	7.85	0.284	27.7	1.00	07/31/20	KCA	1
Isopropylalcohol	2.91	0.407	7.15	1.00	07/31/20	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	07/31/20	KCA	1
m,p-Xylene	9.25	0.230	40.1	1.00	07/31/20	KCA	1
Methyl Ethyl Ketone	1.59	0.339	4.69	1.00	07/31/20	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	07/31/20	KCA	1
Methylene Chloride	0.914	0.864	3.17	3.00	07/31/20	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	07/31/20	KCA	1 1
o-Xylene	3.07	0.230	13.3	1.00	07/31/20	KCA	1
Propylene	ND	0.581	ND	1.00	07/31/20	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	07/31/20	KCA	1 1
Styrene	ND	0.235	ND	1.00	07/31/20	KCA	1
Tetrachloroethene	3.35	0.037	22.7	0.25	07/31/20	KCA	1
Tetrahydrofuran	2.98	0.339	8.78	1.00	07/31/20	KCA	1 1
Toluene	10.7	0.266	40.3	1.00	07/31/20	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	07/31/20	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	07/31/20	KCA	1
Trichloroethene	ND	0.037	ND	0.20	07/31/20	KCA	1
Trichlorofluoromethane	0.249	0.178	1.40	1.00	07/31/20	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	07/31/20	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	07/31/20	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	99	%	99	%	07/31/20	KCA	1
% IS-1,4-Difluorobenzene	100	%	100	%	07/31/20	KCA	1
% IS-Bromochloromethane	100	%	100	%	07/31/20	KCA	1
% IS-Chlorobenzene-d5	101	%	101	%	07/31/20	KCA	1

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 1ST FL KITCHEN

Phoenix I.D.: CG44957

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

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

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 17165

Custody Information

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

Date

07/30/20 10:12
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44958

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 2ND FL ASST SUPT BUSINESS

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	1
1,1,1-Trichloroethane	1.61	0.183	8.78	1.00	08/01/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1	
1,2,4-Trimethylbenzene	0.712	0.204	3.50	1.00	08/01/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1	
1,3,5-Trimethylbenzene	0.205	0.204	1.01	1.00	08/01/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dichlorobenzene	0.596	0.166	3.58	1.00	08/01/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	1
4-Ethyltoluene	ND	0.204	ND	1.00	08/01/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	
Acetone	18.2	0.421	43.2	1.00	08/01/20	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1	
Benzene	0.693	0.313	2.21	1.00	08/01/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 2ND FL ASST SUPT BUSINESS

Phoenix I.D.: CG44958

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA	1
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA	1
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA	1
Carbon Tetrachloride	0.079	0.032	0.50	0.20	08/01/20	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA	1
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA	1
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA	1
Chloromethane	0.564	0.485	1.16	1.00	08/01/20	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Cyclohexane	0.669	0.291	2.30	1.00	08/01/20	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA	1
Dichlorodifluoromethane	0.512	0.202	2.53	1.00	08/01/20	KCA	1
Ethanol	71.1	E 0.531	134	1.00	08/01/20	KCA	1 1
Ethyl acetate	1.71	0.278	6.16	1.00	08/01/20	KCA	1 1
Ethylbenzene	1.15	0.230	4.99	1.00	08/01/20	KCA	1
Heptane	0.771	0.244	3.16	1.00	08/01/20	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA	1
Hexane	1.89	0.284	6.66	1.00	08/01/20	KCA	1
Isopropylalcohol	8.34	0.407	20.5	1.00	08/01/20	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
m,p-Xylene	4.59	0.230	19.9	1.00	08/01/20	KCA	1
Methyl Ethyl Ketone	1.23	0.339	3.63	1.00	08/01/20	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA	1 1
o-Xylene	1.30	0.230	5.64	1.00	08/01/20	KCA	1
Propylene	ND	0.581	ND	1.00	08/01/20	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA	1 1
Styrene	ND	0.235	ND	1.00	08/01/20	KCA	1
Tetrachloroethene	0.810	0.037	5.49	0.25	08/01/20	KCA	1
Tetrahydrofuran	1.02	0.339	3.01	1.00	08/01/20	KCA	1 1
Toluene	2.83	0.266	10.7	1.00	08/01/20	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA	1
Trichlorofluoromethane	0.250	0.178	1.40	1.00	08/01/20	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA	1
% IS-1,4-Difluorobenzene	99	%	99	%	08/01/20	KCA	1
% IS-Bromochloromethane	100	%	100	%	08/01/20	KCA	1
% IS-Chlorobenzene-d5	99	%	99	%	08/01/20	KCA	1

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 2ND FL ASST SUPT BUSINESS

Phoenix I.D.: CG44958

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

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

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 19887

Custody Information

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

Date

07/30/20 10:09
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44959

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 2ND FL FACILITIES

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	3.81	0.183	20.8	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	1.36	0.204	6.68	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	0.355	0.204	1.74	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	0.346	0.166	2.08	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	0.327	0.204	1.61	1.00	08/01/20	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	28.6	0.421	67.9	1.00	08/01/20	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	1.65	0.313	5.27	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Ver 1

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 2ND FL FACILITIES

Phoenix I.D.: CG44959

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA	1
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA	1
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA	1
Carbon Tetrachloride	0.077	0.032	0.48	0.20	08/01/20	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA	1
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA	1
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA	1
Chloromethane	0.556	0.485	1.15	1.00	08/01/20	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Cyclohexane	1.20	0.291	4.13	1.00	08/01/20	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA	1
Dichlorodifluoromethane	0.396	0.202	1.96	1.00	08/01/20	KCA	1
Ethanol	172	E 0.531	324	1.00	08/01/20	KCA	1 1
Ethyl acetate	0.830	0.278	2.99	1.00	08/01/20	KCA	1 1
Ethylbenzene	1.62	0.230	7.03	1.00	08/01/20	KCA	1
Heptane	1.43	0.244	5.86	1.00	08/01/20	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA	1
Hexane	4.32	0.284	15.2	1.00	08/01/20	KCA	1
Isopropylalcohol	83.1	E 0.407	204	1.00	08/01/20	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
m,p-Xylene	6.45	0.230	28.0	1.00	08/01/20	KCA	1
Methyl Ethyl Ketone	1.37	0.339	4.04	1.00	08/01/20	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA	1 1
o-Xylene	2.06	0.230	8.94	1.00	08/01/20	KCA	1
Propylene	ND	0.581	ND	1.00	08/01/20	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA	1 1
Styrene	ND	0.235	ND	1.00	08/01/20	KCA	1
Tetrachloroethene	1.86	0.037	12.6	0.25	08/01/20	KCA	1
Tetrahydrofuran	1.75	0.339	5.16	1.00	08/01/20	KCA	1 1
Toluene	6.28	0.266	23.7	1.00	08/01/20	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA	1
Trichlorofluoromethane	0.234	0.178	1.31	1.00	08/01/20	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA	1
% IS-1,4-Difluorobenzene	99	%	99	%	08/01/20	KCA	1
% IS-Bromochloromethane	101	%	101	%	08/01/20	KCA	1
% IS-Chlorobenzene-d5	100	%	100	%	08/01/20	KCA	1

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 2ND FL FACILITIES

Phoenix I.D.: CG44959

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

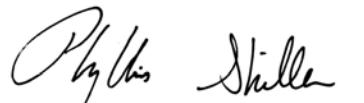
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 23340

Custody Information

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

Date

07/30/20 10:35
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44960

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 1ST FL SUPERINTENDENT OFFICE

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	1
1,1,1-Trichloroethane	9.33	0.183	50.9	1.00	08/01/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1	
1,2,4-Trimethylbenzene	2.38	0.204	11.7	1.00	08/01/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1	
1,3,5-Trimethylbenzene	0.640	0.204	3.14	1.00	08/01/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	1
4-Ethyltoluene	0.589	0.204	2.89	1.00	08/01/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	
Acetone	53.4	2.11	127	5.01	08/04/20	KCA	5	
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1	
Benzene	3.13	0.313	10.0	1.00	08/01/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 1ST FL SUPERINTENDENT OFFICE

Phoenix I.D.: CG44960

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.066	0.032	0.41	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.556	0.485	1.15	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	2.12	0.291	7.29	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.430	0.202	2.13	1.00	08/01/20	KCA
Ethanol	226	E 2.66	426	5.01	08/04/20	KCA
Ethyl acetate	ND	0.278	ND	1.00	08/01/20	KCA
Ethylbenzene	2.59	0.230	11.2	1.00	08/01/20	KCA
Heptane	2.55	0.244	10.4	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	8.74	0.284	30.8	1.00	08/01/20	KCA
Isopropylalcohol	ND	0.407	ND	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	10.2	0.230	44.3	1.00	08/01/20	KCA
Methyl Ethyl Ketone	1.64	0.339	4.83	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	1.17	0.864	4.06	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	3.47	0.230	15.1	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	4.22	0.037	28.6	0.25	08/01/20	KCA
Tetrahydrofuran	2.73	0.339	8.05	1.00	08/01/20	KCA
Toluene	11.8	0.266	44.4	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.233	0.178	1.31	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	100	%	100	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	97	%	97	%	08/01/20	KCA
% IS-Bromochloromethane	100	%	100	%	08/01/20	KCA
% IS-Chlorobenzene-d5	98	%	98	%	08/01/20	KCA
% Bromofluorobenzene (5x)	99	%	99	%	08/04/20	KCA
% IS-1,4-Difluorobenzene (5x)	97	%	97	%	08/04/20	KCA
% IS-Bromochloromethane (5x)	98	%	98	%	08/04/20	KCA
% IS-Chlorobenzene-d5 (5x)	98	%	98	%	08/04/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 1ST FL SUPERINTENDENT OFFICE

Phoenix I.D.: CG44960

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

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

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
 Enviroscience Consultants
 2150 Smithtown Ave
 Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
 Location Code: ENV-SCI
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 9536

Custody Information

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

Date

07/30/20 10:08
 07/31/20 17:30

Time

SDG ID: GCG44957
 Phoenix ID: CG44961

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 2ND FL OT/PT OFFICE

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	7.85	0.183	42.8	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	2.39	0.204	11.7	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	0.643	0.204	3.16	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	0.603	0.204	2.96	1.00	08/01/20	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	50.8	2.11	121	5.01	08/04/20	KCA	5
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	3.11	0.313	9.9	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Ver 1

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 2ND FL OT/PT OFFICE

Phoenix I.D.: CG44961

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.075	0.032	0.47	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.526	0.485	1.09	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	2.05	0.291	7.05	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.416	0.202	2.06	1.00	08/01/20	KCA
Ethanol	200	2.66	377	5.01	08/04/20	KCA
Ethyl acetate	ND	0.278	ND	1.00	08/01/20	KCA
Ethylbenzene	2.51	0.230	10.9	1.00	08/01/20	KCA
Heptane	2.46	0.244	10.1	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	8.60	0.284	30.3	1.00	08/01/20	KCA
Isopropylalcohol	3.25	0.407	7.98	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	9.91	0.230	43.0	1.00	08/01/20	KCA
Methyl Ethyl Ketone	1.61	0.339	4.75	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	1.01	0.864	3.51	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	3.38	0.230	14.7	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	3.63	0.037	24.6	0.25	08/01/20	KCA
Tetrahydrofuran	3.19	0.339	9.40	1.00	08/01/20	KCA
Toluene	11.5	0.266	43.3	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.220	0.178	1.24	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	98	%	98	%	08/01/20	KCA
% IS-Bromochloromethane	97	%	97	%	08/01/20	KCA
% IS-Chlorobenzene-d5	99	%	99	%	08/01/20	KCA
% Bromofluorobenzene (5x)	100	%	100	%	08/04/20	KCA
% IS-1,4-Difluorobenzene (5x)	97	%	97	%	08/04/20	KCA
% IS-Bromochloromethane (5x)	99	%	99	%	08/04/20	KCA
% IS-Chlorobenzene-d5 (5x)	98	%	98	%	08/04/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG

Phoenix I.D.: CG44961

Client ID: 2ND FL OT/PT OFFICE

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

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

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 28593

Custody Information

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

Date

07/30/20 10:13
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44962

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 2ND FLR BENEFITS

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	1.43	0.183	7.80	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	0.601	0.204	2.95	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	0.626	0.166	3.76	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	08/01/20	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	16.5	0.421	39.2	1.00	08/01/20	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	0.604	0.313	1.93	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 2ND FLR BENEFITS

Phoenix I.D.: CG44962

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA	1
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA	1
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA	1
Carbon Tetrachloride	0.074	0.032	0.47	0.20	08/01/20	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA	1
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA	1
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA	1
Chloromethane	0.554	0.485	1.14	1.00	08/01/20	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Cyclohexane	0.552	0.291	1.90	1.00	08/01/20	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA	1
Dichlorodifluoromethane	0.368	0.202	1.82	1.00	08/01/20	KCA	1
Ethanol	59.4	E 0.531	112	1.00	08/01/20	KCA	1 1
Ethyl acetate	1.55	0.278	5.58	1.00	08/01/20	KCA	1 1
Ethylbenzene	1.07	0.230	4.64	1.00	08/01/20	KCA	1
Heptane	0.656	0.244	2.69	1.00	08/01/20	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA	1
Hexane	1.60	0.284	5.64	1.00	08/01/20	KCA	1
Isopropylalcohol	6.09	0.407	15.0	1.00	08/01/20	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
m,p-Xylene	4.29	0.230	18.6	1.00	08/01/20	KCA	1
Methyl Ethyl Ketone	1.16	0.339	3.42	1.00	08/01/20	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA	1 1
o-Xylene	1.21	0.230	5.25	1.00	08/01/20	KCA	1
Propylene	ND	0.581	ND	1.00	08/01/20	KCA	1 1
sec-Butylbenzene	0.601	0.182	3.30	1.00	08/01/20	KCA	1 1
Styrene	ND	0.235	ND	1.00	08/01/20	KCA	1
Tetrachloroethene	0.743	0.037	5.04	0.25	08/01/20	KCA	1
Tetrahydrofuran	0.843	0.339	2.48	1.00	08/01/20	KCA	1 1
Toluene	2.42	0.266	9.11	1.00	08/01/20	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA	1
Trichlorofluoromethane	0.242	0.178	1.36	1.00	08/01/20	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	100	%	100	%	08/01/20	KCA	1
% IS-1,4-Difluorobenzene	99	%	99	%	08/01/20	KCA	1
% IS-Bromochloromethane	101	%	101	%	08/01/20	KCA	1
% IS-Chlorobenzene-d5	100	%	100	%	08/01/20	KCA	1

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 2ND FLR BENEFITS

Phoenix I.D.: CG44962

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

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

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 19635

Custody Information

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

Date

07/30/20 10:28
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44963

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 1ST FL BOARDROOM

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m ³ Result	ug/m ³ RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	1
1,1,1-Trichloroethane	3.34	0.183	18.2	1.00	08/01/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1	
1,2,4-Trimethylbenzene	1.15	0.204	5.65	1.00	08/01/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1	
1,3,5-Trimethylbenzene	0.303	0.204	1.49	1.00	08/01/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dichlorobenzene	0.197	0.166	1.18	1.00	08/01/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	1
4-Ethyltoluene	0.301	0.204	1.48	1.00	08/01/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	
Acetone	22.9	0.421	54.4	1.00	08/01/20	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1	
Benzene	1.18	0.313	3.77	1.00	08/01/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 1ST FL BOARDROOM

Phoenix I.D.: CG44963

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.068	0.032	0.43	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.561	0.485	1.16	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	0.923	0.291	3.18	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.387	0.202	1.91	1.00	08/01/20	KCA
Ethanol	96.9	E 0.531	182	1.00	08/01/20	KCA
Ethyl acetate	0.617	0.278	2.22	1.00	08/01/20	KCA
Ethylbenzene	1.25	0.230	5.42	1.00	08/01/20	KCA
Heptane	1.13	0.244	4.63	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	3.52	0.284	12.4	1.00	08/01/20	KCA
Isopropylalcohol	2.98	0.407	7.32	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	4.91	0.230	21.3	1.00	08/01/20	KCA
Methyl Ethyl Ketone	1.26	0.339	3.71	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	1.59	0.230	6.90	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	1.57	0.037	10.6	0.25	08/01/20	KCA
Tetrahydrofuran	1.38	0.339	4.07	1.00	08/01/20	KCA
Toluene	4.93	0.266	18.6	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.231	0.178	1.30	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	101	%	101	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	98	%	98	%	08/01/20	KCA
% IS-Bromochloromethane	100	%	100	%	08/01/20	KCA
% IS-Chlorobenzene-d5	98	%	98	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG

Phoenix I.D.: CG44963

Client ID: 1ST FL BOARDROOM

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

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

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 28582

Custody Information

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

Date

07/30/20 10:04
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44964

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 3RD FL FACULTY ROOM

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	1
1,1,1-Trichloroethane	3.30	0.183	18.0	1.00	08/01/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1	
1,2,4-Trimethylbenzene	1.24	0.204	6.09	1.00	08/01/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1	
1,3,5-Trimethylbenzene	0.332	0.204	1.63	1.00	08/01/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dichlorobenzene	0.334	0.166	2.01	1.00	08/01/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	1
4-Ethyltoluene	0.300	0.204	1.47	1.00	08/01/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	
Acetone	25.8	0.421	61.2	1.00	08/01/20	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1	
Benzene	1.28	0.313	4.09	1.00	08/01/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 3RD FL FACULTY ROOM

Phoenix I.D.: CG44964

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.068	0.032	0.43	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.569	0.485	1.17	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	1.07	0.291	3.68	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.413	0.202	2.04	1.00	08/01/20	KCA
Ethanol	130	E 0.531	245	1.00	08/01/20	KCA
Ethyl acetate	0.904	0.278	3.26	1.00	08/01/20	KCA
Ethylbenzene	1.47	0.230	6.38	1.00	08/01/20	KCA
Heptane	1.24	0.244	5.08	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	3.77	0.284	13.3	1.00	08/01/20	KCA
Isopropylalcohol	10.1	0.407	24.8	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	5.84	0.230	25.3	1.00	08/01/20	KCA
Methyl Ethyl Ketone	1.30	0.339	3.83	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	1.89	0.230	8.20	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	1.66	0.037	11.3	0.25	08/01/20	KCA
Tetrahydrofuran	1.50	0.339	4.42	1.00	08/01/20	KCA
Toluene	5.39	0.266	20.3	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.242	0.178	1.36	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	100	%	100	%	08/01/20	KCA
% IS-Bromochloromethane	100	%	100	%	08/01/20	KCA
% IS-Chlorobenzene-d5	100	%	100	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 3RD FL FACULTY ROOM

Phoenix I.D.: CG44964

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

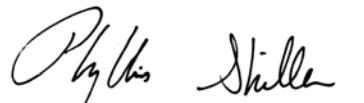
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 28583

Custody Information

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

Date

07/30/20 10:32
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44965

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 1ST FL ECP CLASSROOM 105

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	08/01/20	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	7.31	0.421	17.4	1.00	08/01/20	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	ND	0.313	ND	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.074	0.032	0.47	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.540	0.485	1.11	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	ND	0.291	ND	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.367	0.202	1.81	1.00	08/01/20	KCA
Ethanol	20.8	0.531	39.2	1.00	08/01/20	KCA
Ethyl acetate	0.343	0.278	1.24	1.00	08/01/20	KCA
Ethylbenzene	0.256	0.230	1.11	1.00	08/01/20	KCA
Heptane	0.262	0.244	1.07	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	0.407	0.284	1.43	1.00	08/01/20	KCA
Isopropylalcohol	1.41	0.407	3.46	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	0.941	0.230	4.08	1.00	08/01/20	KCA
Methyl Ethyl Ketone	0.671	0.339	1.98	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	0.284	0.230	1.23	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	0.099	0.037	0.67	0.25	08/01/20	KCA
Tetrahydrofuran	ND	0.339	ND	1.00	08/01/20	KCA
Toluene	0.612	0.266	2.30	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.231	0.178	1.30	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	100	%	100	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	99	%	99	%	08/01/20	KCA
% IS-Bromochloromethane	100	%	100	%	08/01/20	KCA
% IS-Chlorobenzene-d5	98	%	98	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 1ST FL ECP CLASSROOM 105

Phoenix I.D.: CG44965

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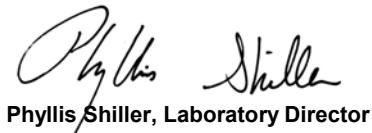
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
 Enviroscience Consultants
 2150 Smithtown Ave
 Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
 Location Code: ENV-SCI
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 23330

Custody Information

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

Date

07/30/20 10:24
 07/31/20 17:30

Time

SDG ID: GCG44957
 Phoenix ID: CG44966

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 1ST FL PPS OFFICE HALLWAY

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	1
1,1,1-Trichloroethane	1.07	0.183	5.83	1.00	08/01/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1	
1,2,4-Trimethylbenzene	0.459	0.204	2.26	1.00	08/01/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dichlorobenzene	2.22	0.166	13.3	1.00	08/01/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	1
4-Ethyltoluene	0.433	0.204	2.13	1.00	08/01/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	
Acetone	13.6	0.421	32.3	1.00	08/01/20	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1	
Benzene	ND	0.313	ND	1.00	08/01/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: 1ST FL PPS OFFICE HALLWAY

Phoenix I.D.: CG44966

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.070	0.032	0.44	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.551	0.485	1.14	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	ND	0.291	ND	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.367	0.202	1.81	1.00	08/01/20	KCA
Ethanol	25.8	0.531	48.6	1.00	08/01/20	KCA
Ethyl acetate	12.4	0.278	44.7	1.00	08/01/20	KCA
Ethylbenzene	2.10	0.230	9.11	1.00	08/01/20	KCA
Heptane	0.446	0.244	1.83	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	0.689	0.284	2.43	1.00	08/01/20	KCA
Isopropylalcohol	3.55	0.407	8.72	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	8.54	0.230	37.1	1.00	08/01/20	KCA
Methyl Ethyl Ketone	1.31	0.339	3.86	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	1.89	0.230	8.20	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	0.294	0.037	1.99	0.25	08/01/20	KCA
Tetrahydrofuran	0.978	0.339	2.88	1.00	08/01/20	KCA
Toluene	1.13	0.266	4.26	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.237	0.178	1.33	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	99	%	99	%	08/01/20	KCA
% IS-Bromochloromethane	101	%	101	%	08/01/20	KCA
% IS-Chlorobenzene-d5	100	%	100	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: 1ST FL PPS OFFICE HALLWAY

Phoenix I.D.: CG44966

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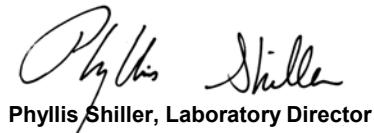
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 481

Custody Information

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

Date

07/30/20 10:41
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44967

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: GROUND FL BOILER RM

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	0.411	0.204	2.02	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	0.395	0.204	1.94	1.00	08/01/20	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	5.30	0.421	12.6	1.00	08/01/20	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	ND	0.313	ND	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.077	0.032	0.48	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	1.57	0.205	7.66	1.00	08/01/20	KCA
Chloromethane	0.489	0.485	1.01	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	ND	0.291	ND	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.426	0.202	2.11	1.00	08/01/20	KCA
Ethanol	6.12	0.531	11.5	1.00	08/01/20	KCA
Ethyl acetate	ND	0.278	ND	1.00	08/01/20	KCA
Ethylbenzene	ND	0.230	ND	1.00	08/01/20	KCA
Heptane	ND	0.244	ND	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	ND	0.284	ND	1.00	08/01/20	KCA
Isopropylalcohol	1.56	0.407	3.83	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	0.550	0.230	2.39	1.00	08/01/20	KCA
Methyl Ethyl Ketone	0.459	0.339	1.35	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	ND	0.230	ND	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	0.071	0.037	0.48	0.25	08/01/20	KCA
Tetrahydrofuran	ND	0.339	ND	1.00	08/01/20	KCA
Toluene	0.482	0.266	1.82	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.230	0.178	1.29	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	97	%	97	%	08/01/20	KCA
% IS-Bromochloromethane	99	%	99	%	08/01/20	KCA
% IS-Chlorobenzene-d5	95	%	95	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG

Phoenix I.D.: CG44967

Client ID: GROUND FL BOILER RM

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

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

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

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
 Enviroscience Consultants
 2150 Smithtown Ave
 Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
 Location Code: ENV-SCI
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 28605

Custody Information

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

Date

07/30/20 10:39
 07/31/20 17:30

Time

SDG ID: GCG44957
 Phoenix ID: CG44968

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: GROUND FL GARAGE

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	1
1,1,1-Trichloroethane	5.76	0.183	31.4	1.00	08/01/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1	
1,2,4-Trimethylbenzene	1.69	0.204	8.30	1.00	08/01/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1	
1,3,5-Trimethylbenzene	0.456	0.204	2.24	1.00	08/01/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	1
4-Ethyltoluene	0.418	0.204	2.05	1.00	08/01/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	
Acetone	33.0	0.421	78.3	1.00	08/01/20	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1	
Benzene	2.08	0.313	6.64	1.00	08/01/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: GROUND FL GARAGE

Phoenix I.D.: CG44968

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA	1
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA	1
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA	1
Carbon Tetrachloride	0.070	0.032	0.44	0.20	08/01/20	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA	1
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA	1
Chloroform	0.451	0.205	2.20	1.00	08/01/20	KCA	1
Chloromethane	0.527	0.485	1.09	1.00	08/01/20	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Cyclohexane	1.34	0.291	4.61	1.00	08/01/20	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA	1
Dichlorodifluoromethane	0.406	0.202	2.01	1.00	08/01/20	KCA	1
Ethanol	78.3	E 0.531	147	1.00	08/01/20	KCA	1 1
Ethyl acetate	0.298	0.278	1.07	1.00	08/01/20	KCA	1 1
Ethylbenzene	1.75	0.230	7.59	1.00	08/01/20	KCA	1
Heptane	1.71	0.244	7.00	1.00	08/01/20	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA	1
Hexane	5.52	0.284	19.4	1.00	08/01/20	KCA	1
Isopropylalcohol	4.22	0.407	10.4	1.00	08/01/20	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
m,p-Xylene	7.08	0.230	30.7	1.00	08/01/20	KCA	1
Methyl Ethyl Ketone	1.43	0.339	4.21	1.00	08/01/20	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA	1
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA	1 1
o-Xylene	2.41	0.230	10.5	1.00	08/01/20	KCA	1
Propylene	ND	0.581	ND	1.00	08/01/20	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA	1 1
Styrene	ND	0.235	ND	1.00	08/01/20	KCA	1
Tetrachloroethene	2.52	0.037	17.1	0.25	08/01/20	KCA	1
Tetrahydrofuran	2.33	0.339	6.87	1.00	08/01/20	KCA	1 1
Toluene	7.83	0.266	29.5	1.00	08/01/20	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA	1
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA	1
Trichlorofluoromethane	0.235	0.178	1.32	1.00	08/01/20	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA	1
% IS-1,4-Difluorobenzene	97	%	97	%	08/01/20	KCA	1
% IS-Bromochloromethane	98	%	98	%	08/01/20	KCA	1
% IS-Chlorobenzene-d5	98	%	98	%	08/01/20	KCA	1

Project ID: GREENBURGH CSD ADMIN BLDG

Phoenix I.D.: CG44968

Client ID: GROUND FL GARAGE

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

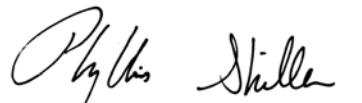
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 217

Custody Information

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

Date

Time

07/30/20 10:49
07/31/20 17:30

SDG ID: GCG44957

Phoenix ID: CG44969

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: OUTSIDE FRONT ENTRANCE

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	08/01/20	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	4.51	0.421	10.7	1.00	08/01/20	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	ND	0.313	ND	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: OUTSIDE FRONT ENTRANCE

Phoenix I.D.: CG44969

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.064	0.032	0.40	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.500	0.485	1.03	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	ND	0.291	ND	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.396	0.202	1.96	1.00	08/01/20	KCA
Ethanol	5.57	0.531	10.5	1.00	08/01/20	KCA
Ethyl acetate	ND	0.278	ND	1.00	08/01/20	KCA
Ethylbenzene	ND	0.230	ND	1.00	08/01/20	KCA
Heptane	ND	0.244	ND	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	ND	0.284	ND	1.00	08/01/20	KCA
Isopropylalcohol	0.573	0.407	1.41	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	ND	0.230	ND	1.00	08/01/20	KCA
Methyl Ethyl Ketone	0.420	0.339	1.24	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	ND	0.230	ND	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	ND	0.037	ND	0.25	08/01/20	KCA
Tetrahydrofuran	ND	0.339	ND	1.00	08/01/20	KCA
Toluene	ND	0.266	ND	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.224	0.178	1.26	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	98	%	98	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	97	%	97	%	08/01/20	KCA
% IS-Bromochloromethane	98	%	98	%	08/01/20	KCA
% IS-Chlorobenzene-d5	95	%	95	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: OUTSIDE FRONT ENTRANCE

Phoenix I.D.: CG44969

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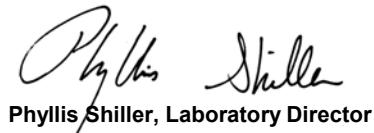
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
 Enviroscience Consultants
 2150 Smithtown Ave
 Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
 Location Code: ENV-SCI
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 23328

Custody Information

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

Date

07/30/20 10:45
 07/31/20 17:30

Time

SDG ID: GCG44957
 Phoenix ID: CG44970

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: GROUND FL EAST STORAGE

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	1.59	0.183	8.67	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	0.780	0.204	3.83	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	0.229	0.204	1.13	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	2.93	0.166	17.6	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	0.212	0.204	1.04	1.00	08/01/20	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	25.3	0.421	60.1	1.00	08/01/20	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	0.631	0.313	2.01	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Ver 1

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: GROUND FL EAST STORAGE

Phoenix I.D.: CG44970

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.076	0.032	0.48	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.522	0.485	1.08	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	0.575	0.291	1.98	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.399	0.202	1.97	1.00	08/01/20	KCA
Ethanol	29.7	0.531	55.9	1.00	08/01/20	KCA
Ethyl acetate	4.02	0.278	14.5	1.00	08/01/20	KCA
Ethylbenzene	2.45	0.230	10.6	1.00	08/01/20	KCA
Heptane	0.774	0.244	3.17	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	2.00	0.284	7.05	1.00	08/01/20	KCA
Isopropylalcohol	2.94	0.407	7.22	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	10.1	0.230	43.8	1.00	08/01/20	KCA
Methyl Ethyl Ketone	6.75	0.339	19.9	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	1.04	0.864	3.61	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	2.44	0.230	10.6	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	0.836	0.037	5.67	0.25	08/01/20	KCA
Tetrahydrofuran	5.79	0.339	17.1	1.00	08/01/20	KCA
Toluene	2.83	0.266	10.7	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.242	0.178	1.36	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	99	%	99	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	97	%	97	%	08/01/20	KCA
% IS-Bromochloromethane	100	%	100	%	08/01/20	KCA
% IS-Chlorobenzene-d5	99	%	99	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG

Phoenix I.D.: CG44970

Client ID: GROUND FL EAST STORAGE

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

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

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

Comments:

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Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
 Enviroscience Consultants
 2150 Smithtown Ave
 Ronkonkoma, NY 11779

Sample Information

Matrix: AIR Collected by: GB Date 07/30/20 10:43
 Location Code: ENV-SCI Received by: CP Date 07/31/20 17:30
 Rush Request: 72 Hour Analyzed by: see "By" below
 P.O.#: SDG ID: GCG44957
 Canister Id: 477 Phoenix ID: CG44971

Project ID: GREENBURGH CSD ADMIN BLDG

Client ID: GROUND FL MAINTENANCE

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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Volatiles (TO15)

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	1
1,1,1-Trichloroethane	2.12	0.183	11.6	1.00	08/01/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1	
1,2,4-Trimethylbenzene	0.861	0.204	4.23	1.00	08/01/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1	
1,3,5-Trimethylbenzene	0.243	0.204	1.19	1.00	08/01/20	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1	
1,4-Dichlorobenzene	0.985	0.166	5.92	1.00	08/01/20	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	1
4-Ethyltoluene	0.224	0.204	1.10	1.00	08/01/20	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/01/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1	
Acetone	21.2	0.421	50.3	1.00	08/01/20	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1	
Benzene	1.06	0.313	3.38	1.00	08/01/20	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1	

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: GROUND FL MAINTENANCE

Phoenix I.D.: CG44971

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.071	0.032	0.45	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.533	0.485	1.10	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	0.792	0.291	2.72	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.542	0.202	2.68	1.00	08/01/20	KCA
Ethanol	33.6	0.531	63.3	1.00	08/01/20	KCA
Ethyl acetate	1.34	0.278	4.83	1.00	08/01/20	KCA
Ethylbenzene	1.45	0.230	6.29	1.00	08/01/20	KCA
Heptane	0.923	0.244	3.78	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	2.65	0.284	9.33	1.00	08/01/20	KCA
Isopropylalcohol	2.91	0.407	7.15	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	5.93	0.230	25.7	1.00	08/01/20	KCA
Methyl Ethyl Ketone	2.51	0.339	7.40	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	1.71	0.230	7.42	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	0.861	0.182	4.72	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	1.38	0.037	9.35	0.25	08/01/20	KCA
Tetrahydrofuran	2.53	0.339	7.46	1.00	08/01/20	KCA
Toluene	3.81	0.266	14.3	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.247	0.178	1.39	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	101	%	101	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	96	%	96	%	08/01/20	KCA
% IS-Bromochloromethane	98	%	98	%	08/01/20	KCA
% IS-Chlorobenzene-d5	96	%	96	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: GROUND FL MAINTENANCE

Phoenix I.D.: CG44971

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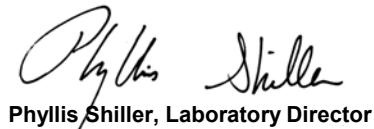
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

Sample Information

Matrix: AIR
Location Code: ENV-SCI
Rush Request: 72 Hour
P.O.#:
Canister Id: 28558

Custody Information

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

Date

07/30/20 10:47
07/31/20 17:30

Time

SDG ID: GCG44957
Phoenix ID: CG44972

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: GROUND FL WEST STORAGE

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,1-Trichloroethane	1.89	0.183	10.3	1.00	08/01/20	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/01/20	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/01/20	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	08/01/20	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/01/20	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/01/20	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/01/20	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/01/20	KCA	1
1,3,5-Trimethylbenzene	0.309	0.204	1.52	1.00	08/01/20	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/01/20	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/01/20	KCA	1
1,4-Dichlorobenzene	7.32	0.166	44.0	1.00	08/01/20	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/01/20	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
4-Ethyltoluene	0.299	0.204	1.47	1.00	08/01/20	KCA	1
4-Isopropyltoluene	0.197	0.182	1.08	1.00	08/01/20	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/01/20	KCA	1
Acetone	19.0	0.421	45.1	1.00	08/01/20	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/01/20	KCA	1
Benzene	0.553	0.313	1.77	1.00	08/01/20	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/01/20	KCA	1

Ver 1

Project ID: GREENBURGH CSD ADMIN BLDG
 Client ID: GROUND FL WEST STORAGE

Phoenix I.D.: CG44972

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
Bromodichloromethane	ND	0.149	ND	1.00	08/01/20	KCA
Bromoform	ND	0.097	ND	1.00	08/01/20	KCA
Bromomethane	ND	0.258	ND	1.00	08/01/20	KCA
Carbon Disulfide	ND	0.321	ND	1.00	08/01/20	KCA
Carbon Tetrachloride	0.078	0.032	0.49	0.20	08/01/20	KCA
Chlorobenzene	ND	0.217	ND	1.00	08/01/20	KCA
Chloroethane	ND	0.379	ND	1.00	08/01/20	KCA
Chloroform	ND	0.205	ND	1.00	08/01/20	KCA
Chloromethane	0.532	0.485	1.10	1.00	08/01/20	KCA
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	08/01/20	KCA
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Cyclohexane	0.494	0.291	1.70	1.00	08/01/20	KCA
Dibromochloromethane	ND	0.118	ND	1.00	08/01/20	KCA
Dichlorodifluoromethane	0.378	0.202	1.87	1.00	08/01/20	KCA
Ethanol	25.7	0.531	48.4	1.00	08/01/20	KCA
Ethyl acetate	8.45	0.278	30.4	1.00	08/01/20	KCA
Ethylbenzene	5.50	0.230	23.9	1.00	08/01/20	KCA
Heptane	0.646	0.244	2.65	1.00	08/01/20	KCA
Hexachlorobutadiene	ND	0.094	ND	1.00	08/01/20	KCA
Hexane	1.48	0.284	5.21	1.00	08/01/20	KCA
Isopropylalcohol	4.45	0.407	10.9	1.00	08/01/20	KCA
Isopropylbenzene	ND	0.204	ND	1.00	08/01/20	KCA
m,p-Xylene	22.7	0.230	98.5	1.00	08/01/20	KCA
Methyl Ethyl Ketone	2.15	0.339	6.34	1.00	08/01/20	KCA
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/01/20	KCA
Methylene Chloride	ND	0.864	ND	3.00	08/01/20	KCA
n-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
o-Xylene	4.79	0.230	20.8	1.00	08/01/20	KCA
Propylene	ND	0.581	ND	1.00	08/01/20	KCA
sec-Butylbenzene	ND	0.182	ND	1.00	08/01/20	KCA
Styrene	ND	0.235	ND	1.00	08/01/20	KCA
Tetrachloroethene	0.718	0.037	4.87	0.25	08/01/20	KCA
Tetrahydrofuran	1.77	0.339	5.22	1.00	08/01/20	KCA
Toluene	2.39	0.266	9.00	1.00	08/01/20	KCA
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/01/20	KCA
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/01/20	KCA
Trichloroethene	ND	0.037	ND	0.20	08/01/20	KCA
Trichlorofluoromethane	0.240	0.178	1.35	1.00	08/01/20	KCA
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/01/20	KCA
Vinyl Chloride	ND	0.078	ND	0.20	08/01/20	KCA
<u>QA/QC Surrogates/Internals</u>						
% Bromofluorobenzene	100	%	100	%	08/01/20	KCA
% IS-1,4-Difluorobenzene	98	%	98	%	08/01/20	KCA
% IS-Bromochloromethane	99	%	99	%	08/01/20	KCA
% IS-Chlorobenzene-d5	99	%	99	%	08/01/20	KCA

Project ID: GREENBURGH CSD ADMIN BLDG
Client ID: GROUND FL WEST STORAGE

Phoenix I.D.: CG44972

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By
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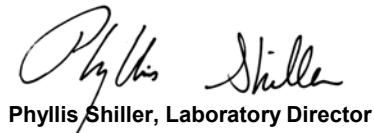
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Phyllis Shiller, Laboratory Director

August 05, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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



Canister Sampling Information

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants
2150 Smithtown Ave
Ronkonkoma, NY 11779

SDG I.D.: GCG44957

Location Code: ENV-SCI
Project ID: GREENBURGH CSD ADMIN BLDG

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory			Field			Sampling Start Date	Sampling End Date	
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg		
1ST FL KITCHEN	CG44957	17161	6.0L	5540	07/29/20	-30	-4	87	89	2.3	-29	-5	07/30/20 08:26	07/30/20 10:28
2ND FL ASST SUPT B	CG44958	17165	6.0L	5646	07/29/20	-30	-4	87	89	2.3	-29	-5	07/30/20 09:14	07/30/20 10:12
2ND FL FACILITIES	CG44959	19887	6.0L	0198	07/29/20	-30	-4	87	91	4.5	-27	-4	07/30/20 09:11	07/30/20 10:09
1ST FL SUPERINTEN	CG44960	23340	6.0L	5653	07/29/20	-30	-4	87	86	1.2	-29	-4	07/30/20 09:33	07/30/20 10:35
2ND FL OT/PT OFFIC	CG44961	9536	6.0L	3415	07/29/20	-30	-4	87	89	2.3	-29	-5	07/30/20 09:09	07/30/20 10:08
2ND FLR BENEFITS	CG44962	28593	6.0L	6994	07/29/20	-30	-3	87	92	5.6	-29	-4	07/30/20 09:16	07/30/20 10:13
1ST FL BOARDROOM	CG44963	19635	6.0L	0267	07/29/20	-30	-4	87	89	2.3	-29	-5	07/30/20 09:28	07/30/20 10:28
3RD FL FACULTY RO	CG44964	28582	6.0L	4967	07/29/20	-30	-5	87	88	1.1	-27	-5	07/30/20 09:06	07/30/20 10:04
1ST FL ECP CLASSR	CG44965	28583	6.0L	4986	07/29/20	-30	-3	87	88	1.1	-28	-4	07/30/20 09:29	07/30/20 10:32
1ST FL PPS OFFICE	CG44966	23330	6.0L	5040	07/29/20	-30	-4	87	90	3.4	-29	-5	07/30/20 09:23	07/30/20 10:24
GROUND FL BOILER	CG44967	481	6.0L	0250	07/29/20	-30	-4	87	88	1.1	-29	-5	07/30/20 09:41	07/30/20 10:41
GROUND FL GARAG	CG44968	28605	6.0L	5706	07/29/20	-30	-1	87	97	10.9	-29	-2	07/30/20 09:37	07/30/20 10:39
OUTSIDE FRONT EN	CG44969	217	6.0L	7022	07/29/20	-30	-5	87	86	1.2	-26	-3	07/30/20 09:57	07/30/20 10:49
GROUND FL EAST S	CG44970	23328	6.0L	3179	07/29/20	-30	-3	87	88	1.1	-29	-3	07/30/20 09:46	07/30/20 10:45



Environmental Laboratories, Inc.

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Canister Sampling Information

August 05, 2020

FOR: Attn: Glen Bornhoft
Enviroscience Consultants

2150 Smithtown Ave
Ronkonkoma, NY 11779

SDG I.D.: GCG44957

Location Code: ENV-SCI
Project ID: GREENBURGH CSD ADMIN BLDG

Client Id	Lab Id	Laboratory			Field								
		Canister Id	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
GROUND FL MAINTENANCE	CG44971	477	6.0L	5620	07/29/20	-30	-4	87	87	0.0	-29	-5	07/30/20 09:43
GROUND FL WEST S	CG44972	28558	6.0L	5356	07/29/20	-30	-4	87	89	2.3	-29	-4	07/30/20 09:48



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QA/QC Report

August 05, 2020

QA/QC Data

SDG I.D.: GCG44957

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 539771 (ppbv), QC Sample No: CG44957 (CG44957, CG44958, CG44959, CG44960, CG44961, CG44962, CG44963, CG44964, CG44965, CG44966, CG44967, CG44968, CG44969, CG44970, CG44971, CG44972)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	92	42.0	41.1	7.70	7.54	2.1	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	92	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	97	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	97	11.3	11.5	2.31	2.35	1.7	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	93	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	91	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlortetrafluoroethane	ND	0.140	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	97	3.03	3.02	0.617	0.615	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	91	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	99	2.78	2.95	0.566	0.601	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	91	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	95	93.5	92.3	39.4	38.9	1.3	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	77	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	102	8.94	8.81	2.80	2.76	1.4	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	112	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	96	0.46	0.44	0.073	0.070	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	90	1.13	1.04	0.549	0.504	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	79	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	87	6.60	6.57	1.92	1.91	0.5	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	79	2.68	2.02	0.543	0.408	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCG44957

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	153	314 E	311	167 E	165	1.2	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	97	10.1	10.3	2.33	2.37	1.7	70 - 130	25
Heptane	ND	0.240	ND	0.98	88	9.42	9.38	2.30	2.29	0.4	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	90	27.6	27.5	7.84	7.81	0.4	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	137	7.15	7.20	2.91	2.93	0.7	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	98	40.1	40.2	9.25	9.26	0.1	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	89	4.69	4.72	1.59	1.60	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	87	3.17	3.35	0.914	0.966	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	96	13.3	13.6	3.07	3.14	2.3	70 - 130	25
Propylene	ND	0.580	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	97	ND	12.9	ND	2.35	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	94	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	95	22.7	23.6	3.35	3.48	3.8	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	88	8.78	8.75	2.98	2.97	0.3	70 - 130	25
Toluene	ND	0.270	ND	1.02	93	40.3	40.3	10.7	10.7	0.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	96	1.40	1.41	0.249	0.251	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	94	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	99	%	99	%	102	99	99	99	99	NC	70 - 130	25
% IS-1,4-Difluorobenzene	103	%	103	%	107	100	98	100	98	NC	60 - 140	25
% IS-Bromochloromethane	104	%	104	%	108	100	100	100	100	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	111	101	99	101	99	NC	60 - 140	25

QA/QC Batch 539959 (ppbv), QC Sample No: CG46496 (CG44960 (5X) , CG44961 (5X))

Volatiles

Acetone	ND	0.750	ND	1.78	101	179	175	75.6	73.6	2.7	70 - 130	25
Ethanol	ND	0.750	ND	1.41	163	249 E	245	132 E	130	1.5	70 - 130	25
% Bromofluorobenzene	98	%	98	%	102	101	102	101	102	NC	70 - 130	25
% IS-1,4-Difluorobenzene	99	%	99	%	106	96	98	96	98	NC	60 - 140	25
% IS-Bromochloromethane	101	%	101	%	106	96	99	96	99	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	112	97	98	97	98	NC	60 - 140	25

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director
August 05, 2020

Wednesday, August 05, 2020

Criteria: None

State: NY

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

Sample Criteria Exceedances Report
GCG44957 - ENV-SCI

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



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



Analysis Comments

August 05, 2020

SDG I.D.: GCG44957

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



582 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860-645-1102 • Fax: 860-645-0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 2 of 2

Data Delivery:

Fax #: _____

Email: _____

Phone #: _____

Report to: <u>Glen Bornhoff</u>	Project Name: <u>Greenbush CDD Admin Rdg</u>	Data Format: <input checked="" type="radio"/> (Circle) <input type="radio"/> Equis <input type="radio"/> Excel <input type="radio"/> Other:	
Customer: <u>Enviro Science Consultants</u>	Invoice to: <u>Judy Besten</u>	Requested Deliverable: <input type="radio"/> RCP <input checked="" type="radio"/> ASP CAT B	
Address: <u>2150 Southstar Ave</u>	<u>Jbesten@envirohealth.org</u>	MCP <input type="radio"/> NJ Deliverables	
<u>Rancktown, NY 11779</u>	Sampled by: <u>GlenBornhoff</u>	Quote Number: <u></u>	

Relinquished by

Accepted by

Dat

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

Date: 7/31/20

State Where Samples Collected: _____

Turnaround Time:	Requested Criteria:	(Please Circle) MA:	NI:	NY:	PA:	VI:
1 Day	<input type="checkbox"/>					
2 Day	<input type="checkbox"/>	TAC I/C	Indoor Air; Residential	Indoor Air; Residential	Vapor Intrusion	Indoor Air Residential
3 Day	<input type="checkbox"/>	TAC RES	Ind/Commercial	Ind/Commercial		Industrial Sub-slab
4 Day	<input type="checkbox"/>	SVVC I/C				Residential
5 Day	<input type="checkbox"/>	SVVC RES	Soil Gas;	Soil Gas;		Non- residential
		GWV I/C	Residential	Residential		Residential
		GWV CES	Ind/Commercial	Ind/Commercial		Industrial



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

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 3 of 2

Data Delivery:

- Fax #: _____
- Email: _____
- Phone #: _____

Report to: <i>Glen Bornhoff</i>	Project Name: <i>Glenburgh Admin Bldg.</i>	Data Format: <input checked="" type="checkbox"/> (Circle) Equis <input type="checkbox"/> Excel <input type="checkbox"/> Other:			
Customer: <i>Enviro Science Consults.</i>	Invoice to: <i>Judy Weston</i>	Requested Deliverable:			
Address: <i>2150 Smithtown Ave</i>	<i>JWeston @ envirohealth.org</i>	RCP ASP CAT B			
<i>Ronkonkoma, NY 11779</i>	<i>GlenBornhoff</i>	MCP NJ Deliverables			
		Quote Number:			

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (in Hg)	Incoming Canister Pressure (in Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (in Hg)	Canister Pressure at End (in Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	MATRIX	ANALYSES
								THIS SECTION FOR LAB USE ONLY											
449571 st Fl. kitchen	17161	6.0	-30	-4	5540	87		9:26	10:25	7/31/20	29	5	X	G	X				
449582 nd Fl. Asst. Supt. Busrness	17165	1		-4	5646	1		9:14	10:12		29	5	✓	G	X				
449593 ^{2nd} Fl. Facilities	1987			-4	0198			9:11	10:09		27	4	✓	G	X				
449604 ^{1st} Fl. Superintendant Office	23340			-4	5653			9:33	10:35		29	4	✓	G	X				
449611 ^{2nd} Fl. OT/PT Office	9536			-4	3416			9:09	10:08		29	5	✓	G	X				
449622 nd Fl. Benefits	08593			-3	6974			9:16	10:13		29	4	✓	b	X				
449631 st Fl. Boardroom	19636			-4	0267			9:28	10:28		29	5	✓	G	X				
449643 rd Fl. Faculty Room	28582			-5	4967			9:06	10:04		27	5	✓	G	X				
449651 st Fl. ECP Classroom 105	28583			-3	4986			9:29	10:32		28	4	✓	G	X				
449661 st Fl. PPS Office Hallway	23340			-4	5040			9:23	10:24	✓	29	5	✓	G	X				

Relinquished by:

The Buffet *B* Accepted by:

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

7-31-20

7-31-20

13:40

Date: 7/31/20

State Where Samples Collected: *NY*

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(D)(6)(c)(1)(B)

Turnaround Time:	Requested Criteria:	(Please Circle)	MA:	NT:	NY:	PA:	VT:
1 Day <input type="checkbox"/>	TAC I/C		Indoor Air Residential	Indoor Air Residential	Vapor Intrusion	Indoor Air Residential	Indoor Air Residential
2 Day <input type="checkbox"/>	TAC RES		Ind/Commercial	Ind/Commercial			
3 Day <input type="checkbox"/>	SVVC I/C		Soil Gas	Soil Gas			
4 Day <input type="checkbox"/>	SVVC RES		Residential	Residential			
5 Day <input type="checkbox"/>	GWV I/C		Ind/Commercial	Ind/Commercial			
	GWV CES						

Data Table 5

Radon



Data Table 5
Radon Analytical Results
Comprehensive Environmental Investigation of the Greenburgh Administration Building
475 West Hartsdale Avenue, Hartsdale NY
July 31, 2020 – August 3, 2020

Sample Locations	1. Ground Floor West Storage	2. Ground Floor Rear Stairs	3. Ground Floor East Storage	4. Ground Floor Maintenance	5. Ground Floor Shop	6. Ground Floor Storage	USEPA Action Level for Radon
Radon (in picoCuries per liter of air (pCi/L))	0.5	0.6	0.8	0.8	0.8	0.5	4.0

Sample Locations	7. Ground Floor Boiler Storage	8. Ground Floor Boiler Room	9. Ground Floor Lobby	10. Ground Floor Main Garage	11. Ground Floor OT/PT Room (1)	12. Ground Floor OT/PT Room (2)	USEPA Action Level for Radon
Radon (in picoCuries per liter of air (pCi/L))	0.8	0.3	0.6	0.6	0.2	0.3	4.0

Sample Locations	13. Ground Floor Classroom 1	14. 1 st Floor Super-intendent	15. 1 st Floor Asst. Supt.	16. 1 st Floor PPS Offices (1)	17. 1 st Floor PPS Offices (2)	18. 1 st Floor Board Room	USEPA Action Level for Radon
Radon (in picoCuries per liter of air (pCi/L))	0.7	0.3	0.3	0.2	0.3	0.2	4.0

Sample Locations	19. Blank	USEPA Action Level for Radon
Radon (in picoCuries per liter of air (pCi/L))	0.1	4.0

Notes: Location: "Blank" is outdoor sample.



Site Radon Inspection Report

Date : 08/03/2020

Mr. Glen Bornhoft
 ENVIROSCIENCE
 2150 Smithtown Avenue
 Suite 3
 Ronkonkoma, NY 11779-

Client: Administration Building / Greenburgh CSD
 Test Location: 475 West Hartsdale Avenue
 Hartsdale, NY 10530-

Individual Canister Results

Canister ID# :	2823357	Test Start :	07/31/2020 @ 09:39
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:39
Location :	1st FL=Board Rm	Received:	08/03/2020 @ 10:08
Radon Level :	0.2 pCi/L	Analyzed:	08/05/2020 @ 09:30
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2823371	Test Start :	07/31/2020 @ 09:37
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:37
Location :	1st FL=PPS Offices DP	Received:	08/03/2020 @ 10:08
Radon Level :	0.2 pCi/L	Analyzed:	08/05/2020 @ 09:32
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2848681	Test Start :	07/31/2020 @ 09:33
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:33
Location :	1st FL=Superintendent	Received:	08/03/2020 @ 10:08
Radon Level :	0.3 pCi/L	Analyzed:	08/05/2020 @ 09:23
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2848685	Test Start :	07/31/2020 @ 09:24
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:24
Location :	GR FL=OT/PT Rm DP	Received:	08/03/2020 @ 10:08
Radon Level :	0.3 pCi/L	Analyzed:	08/05/2020 @ 09:07
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2848687	Test Start :	07/31/2020 @ 09:20
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:20
Location :	GR FL=Lobby	Received:	08/03/2020 @ 10:08
Radon Level :	0.6 pCi/L	Analyzed:	08/05/2020 @ 09:23
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2848688	Test Start :	07/31/2020 @ 09:17
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:17
Location :	GR FL=Boiler Rm	Received:	08/03/2020 @ 10:08
Radon Level :	0.3 pCi/L	Analyzed:	08/05/2020 @ 09:31
Error for Measurement is:	± 0.3 pCi/L		



Andreas C. George
 Radon Measurement Specialist
 NJ MES 11089

Dante Galan
 Laboratory Director

NRSB ARL0001
 NYS ELAP ID: 10806
 PADEP ID: 0346
 NJDEP ID: NY933
 NJ MEB 90036
 FL DOH RB1609
 IL RNL2000201



Site Radon Inspection Report

Date : 08/03/2020

Mr. Glen Bornhoft
 ENVIROSCIENCE
 2150 Smithtown Avenue
 Suite 3
 Ronkonkoma, NY 11779-

Client: Administration Building / Greenburgh CSD
 Test Location: 475 West Hartsdale Avenue
 Hartsdale, NY 10530-

Individual Canister Results

Canister ID# :	2848766	Test Start :	07/31/2020 @ 09:05
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:05
Location :	GR FL=West Storage	Received:	08/03/2020 @ 10:08
Radon Level :	0.5 pCi/L	Analyzed:	08/05/2020 @ 09:23
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2848767	Test Start :	07/31/2020 @ 09:12
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:12
Location :	GR FL=Shop	Received:	08/03/2020 @ 10:08
Radon Level :	0.8 pCi/L	Analyzed:	08/05/2020 @ 09:07
Error for Measurement is:	± 0.3 pCi/L		
Canister ID# :	2848782	Test Start :	07/31/2020 @ 09:45
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:45
Location :	BLANK	Received:	08/03/2020 @ 10:08
Radon Level :	0.1 pCi/L	Analyzed:	08/05/2020 @ 09:30
Error for Measurement is:	± 0.5 pCi/L		
Canister ID# :	2848787	Test Start :	07/31/2020 @ 09:24
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:24
Location :	GR FL=OT/PT Rm DP	Received:	08/03/2020 @ 10:08
Radon Level :	0.2 pCi/L	Analyzed:	08/05/2020 @ 09:07
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2848793	Test Start :	07/31/2020 @ 09:35
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:35
Location :	1st FL=Assit. Super.	Received:	08/03/2020 @ 10:08
Radon Level :	0.3 pCi/L	Analyzed:	08/05/2020 @ 09:31
Error for Measurement is:	± 0.2 pCi/L		
Canister ID# :	2848798	Test Start :	07/31/2020 @ 09:08
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:08
Location :	GR FL=East Storage	Received:	08/03/2020 @ 10:08
Radon Level :	0.8 pCi/L	Analyzed:	08/05/2020 @ 09:32
Error for Measurement is:	± 0.3 pCi/L		



Andreas C. George
 Radon Measurement Specialist
 NJ MES 11089



Dante Galan
 Laboratory Director

NRSB ARL0001
 NYS ELAP ID: 10806
 PADEP ID: 0346
 NJDEP ID: NY933
 NJ MEB 90036
 FL DOH RB1609
 IL RNL2000201



Site Radon Inspection Report

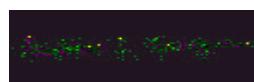
Date : 08/03/2020

Mr. Glen Bornhoft
 ENVIROSCIENCE
 2150 Smithtown Avenue
 Suite 3
 Ronkonkoma, NY 11779-

Client: Administration Building / Greenburgh CSD
 Test Location: 475 West Hartsdale Avenue
 Hartsdale, NY 10530-

Individual Canister Results

Canister ID# :	2848803	Test Start : 07/31/2020 @ 09:21
Canister Type :	Charcoal Canister 3 inch	Test Stop : 08/03/2020 @ 09:21
Location :	GR FL=Main Garage	Received: 08/03/2020 @ 10:08
Radon Level :	0.6 pCi/L	Analyzed: 08/05/2020 @ 09:07
Error for Measurement is:	± 0.3 pCi/L	
Canister ID# :	2849027	Test Start : 07/31/2020 @ 09:10
Canister Type :	Charcoal Canister 3 inch	Test Stop : 08/03/2020 @ 09:10
Location :	GR FL=Maintenance	Received: 08/03/2020 @ 10:08
Radon Level :	0.8 pCi/L	Analyzed: 08/05/2020 @ 09:23
Error for Measurement is:	± 0.3 pCi/L	
Canister ID# :	2849030	Test Start : 07/31/2020 @ 09:30
Canister Type :	Charcoal Canister 3 inch	Test Stop : 08/03/2020 @ 09:30
Location :	GR FL=Class Rm 1	Received: 08/03/2020 @ 10:08
Radon Level :	0.7 pCi/L	Analyzed: 08/05/2020 @ 09:31
Error for Measurement is:	± 0.2 pCi/L	
Canister ID# :	2849031	Test Start : 07/31/2020 @ 09:15
Canister Type :	Charcoal Canister 3 inch	Test Stop : 08/03/2020 @ 09:15
Location :	GR FL=Boiler Storage	Received: 08/03/2020 @ 10:08
Radon Level :	0.8 pCi/L	Analyzed: 08/05/2020 @ 09:31
Error for Measurement is:	± 0.2 pCi/L	
Canister ID# :	2849061	Test Start : 07/31/2020 @ 09:06
Canister Type :	Charcoal Canister 3 inch	Test Stop : 08/03/2020 @ 09:06
Location :	GR FL=Rear Stairs	Received: 08/03/2020 @ 10:08
Radon Level :	0.6 pCi/L	Analyzed: 08/05/2020 @ 09:14
Error for Measurement is:	± 0.2 pCi/L	
Canister ID# :	2849062	Test Start : 07/31/2020 @ 09:13
Canister Type :	Charcoal Canister 3 inch	Test Stop : 08/03/2020 @ 09:13
Location :	GR FL=Storage	Received: 08/03/2020 @ 10:08
Radon Level :	0.5 pCi/L	Analyzed: 08/05/2020 @ 09:32
Error for Measurement is:	± 0.3 pCi/L	



Andreas C. George
 Radon Measurement Specialist
 NJ MES 11089



Dante Galan
 Laboratory Director

NRSB ARL0001
 NYS ELAP ID: 10806
 PADEP ID: 0346
 NJDEP ID: NY933
 NJ MEB 90036
 FL DOH RB1609
 IL RNL2000201



Site Radon Inspection Report

Date : 08/03/2020

Mr. Glen Bornhoft
ENVIROSCIENCE
2150 Smithtown Avenue
Suite 3
Ronkonkoma, NY 11779-

Client: Administration Building / Greenburgh CSD
Test Location: 475 West Hartsdale Avenue
Hartsdale, NY 10530-

Individual Canister Results

Canister ID# :	2849063	Test Start :	07/31/2020 @ 09:37
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/03/2020 @ 09:37
Location :	1st FL=PPS Offices DP	Received:	08/03/2020 @ 10:08
Radon Level :	0.3 pCi/L	Analyzed:	08/05/2020 @ 09:32
Error for Measurement is: ± 0.3 pCi/L			

The reported results indicate that radon levels in the building tested are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon (www.epa.gov/radon/pubs/citguide.html). To request a copy or for further information, please contact your state health department. The EPA maintains a radon information website, including copies of its publications, at www.epa.gov/iaq/radon.

For New Jersey clients: Please see the attached guidance document entitled [Radon Testing and Mitigation: The Basics](#) for further information.

For New York clients: If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free 1-800-458-1158.

PLEDGE OF ASSURED QUALITY

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken by the customer or its consultants based on RTCA-provided results.



Andreas C. George
Radon Measurement Specialist
NJ MES 11089



Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

License and Certifications





New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Enviroscience Consultants, Inc.
2150 Smithtown Avenue
Ronkonkoma, NY 11779

FILE NUMBER: 99-0882
LICENSE NUMBER: 28733
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 10/30/2019
EXPIRATION DATE: 11/30/2020

Duly Authorized Representative – Thomas Kluender:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

A handwritten signature in black ink that reads "Eileen M. Franko".

Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)



**NVLAP® National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Enviroscience Consultants, Inc.

2150 Smithtown Ave.
Suite 3
Ronkonkoma, NY 11779
Mr. Edward Detweiler
Phone: 631-580-3191 Fax: 631-580-3195
Email: edetweiler@envirohealth.org
<http://www.envirohealth.org>

NVLAP LAB CODE 200531-0

ASBESTOS FIBER ANALYSIS

Bulk Asbestos Analysis

Code	Description
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	Description
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

[Signature]
For the National Voluntary Laboratory Accreditation Program

Effective 2019-10-01 through 2020-09-30

Page 1 of 1

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200531-0

Enviroscience Consultants, Inc.
Ronkonkoma, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-IILAC-IAF Communique dated January 2009).

2019-10-01 through 2020-09-30
Effective Dates



[Signature]
For the National Voluntary Laboratory Accreditation Program



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

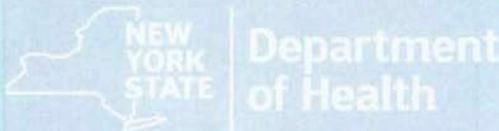
MR. GLENN L. NEUSCHWENDER
ENVIROSCIENCE CONSULTANTS, INC.
2150 SMITHTOWN AVENUE SUITE 3
RONKONKOMA, NY 11779

NY Lab Id No: 11681

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

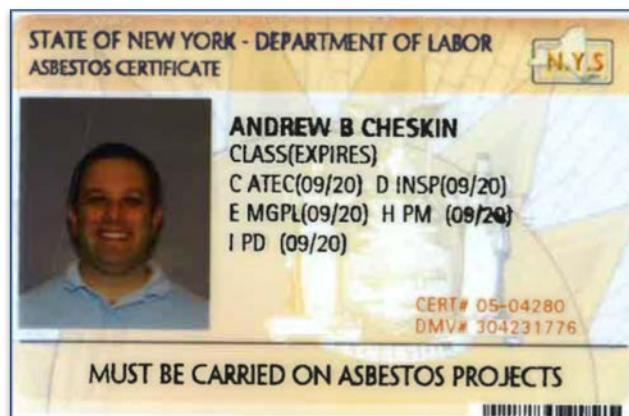
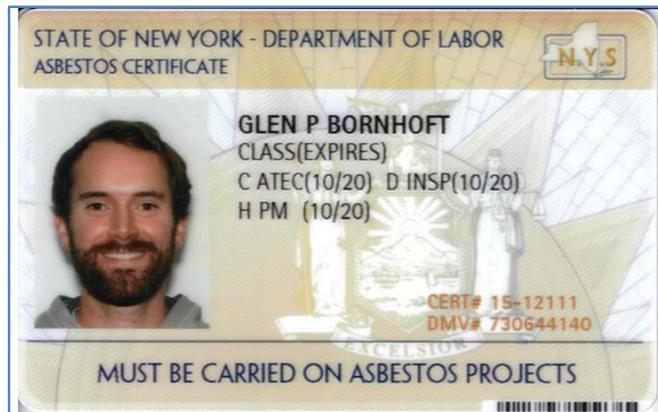
Miscellaneous

Asbestos	40 CFR 763 APX A No. III
	YAMATE,AGARWAL GIBB
Fibers	NIOSH 7400 A RULES



Serial No.: 61490

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.





NEW YORK STATE - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12

Mold Assessor Company License

Enviroscience Consultants, Inc.
2150 Smithtown Ave. Ste. 3
RONKONKOMA, NY 11779

LICENSE NUMBER 00325
DATE OF ISSUE: 12/23/2019
EXPIRATION DATE 3/1/2022

This license is valid only for the contractor named above.

A handwritten signature in black ink that reads "Eileen Franko".

Eileen Franko, Director
FOR THE COMMISSIONER OF LABOR

