



GeoLogic NY, PC

P. O. Box 350 • 37 Copeland Ave. • Homer, NY 13077 • 607-749-5000

September 30, 2021

TRANSMITTED VIA EMAIL

Mr. David Yaman
Cortland Commerce Center, LLC
839 NYS Route 13
Cortland, NY 13045

Reference: Former Smith Corona Outfall Monitoring, September 2021
NYSDEC Site No. 712006
Cortlandville, NY

Dear Mr. Yaman:

Enclosed are the analytical results for the groundwater treatment system (tower influent, tower discharge & cascade) samples collected on September 15, 2021.

The TCE results were:

Tower Influent	1.09 µg/L
Tower Discharge	0.35 µg/L – estimated value, analyte detected below the PQL
Cascade	0.11 µg/L – estimated value, analyte detected below the PQL

The results meet the discharge guidelines set forth in NYSDEC's correspondence of May 10, 2001.

Please do not hesitate to call should you have any questions.

Sincerely;

GeoLogic NY, P.C.

Forrest Earl, P.G.
President/Principal Hydrogeologist

Enc.: Analytical Results

cc: All via e-mail
Brianna Scharf, NYSDEC
Sarah Saucier, NYSDEC
Kathy McGrath, CCS & WCD
Michael Ryan, P.E., CCHD
Stephen Kalette, Esq. SCM
Doreen Simmons, Esq.
Steve Berninger, NYSDOH
Scarlet McLaughlin, NYSDOH
Nathan Karnes, TRC



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Tuesday, September 28, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087

RE: Analytical Results

Order No.: 2116114

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 4 sample(s) on 9/21/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

A handwritten signature in black ink, appearing to read "David J. Prichard", is written over a horizontal line.

David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2116114

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 09/28/21 11:57

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2116114-001A

Client Sample ID: *Cascade*

Collection Date: 09/15/21 14:30

Date Received: 09/21/21 16:45

PrepDate:

BatchNo: R34966

FileID: 1-SAMP-R6868.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		09/24/21 15:37
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		09/24/21 15:37
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 15:37
Tetrachloroethene	ND	0.50	0.10	µg/L	1		09/24/21 15:37
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 15:37
Trichloroethene	0.11 J	0.50	0.10	µg/L	1		09/24/21 15:37
Vinyl chloride	ND	1.00	0.33	µg/L	1		09/24/21 15:37
Surr: 1,2-Dichloroethane-d4	112	75-130	0.16	%REC	1		09/24/21 15:37
Surr: Toluene-d8	94	75-125	0.10	%REC	1		09/24/21 15:37
Surr: 4-Bromofluorobenzene	87	75-125	0.10	%REC	1		09/24/21 15:37

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 09/28/21 11:57

975164

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2116114

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 09/28/21 11:57

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2116114-002A

Client Sample ID: *Tower Discharge*

Collection Date: 09/15/21 14:40

Date Received: 09/21/21 16:45

PrepDate:

BatchNo: R34966

FileID: 1-SAMP-R6869.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		09/24/21 16:14
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		09/24/21 16:14
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 16:14
Tetrachloroethene	ND	0.50	0.10	µg/L	1		09/24/21 16:14
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 16:14
Trichloroethene	0.35 J	0.50	0.10	µg/L	1		09/24/21 16:14
Vinyl chloride	ND	1.00	0.33	µg/L	1		09/24/21 16:14
Surr: 1,2-Dichloroethane-d4	112	75-130	0.16	%REC	1		09/24/21 16:14
Surr: Toluene-d8	94	75-125	0.10	%REC	1		09/24/21 16:14
Surr: 4-Bromofluorobenzene	86	75-125	0.10	%REC	1		09/24/21 16:14

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 09/28/21 11:57

975165

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2116114

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 09/28/21 11:57

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2116114-003A

Client Sample ID: *Tower Influent*

Collection Date: 09/15/21 14:50

Date Received: 09/21/21 16:45

PrepDate:

BatchNo: R34966

FileID: 1-SAMP-R6870.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		09/24/21 16:50
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		09/24/21 16:50
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 16:50
Tetrachloroethene	ND	0.50	0.10	µg/L	1		09/24/21 16:50
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 16:50
Trichloroethene	1.09	0.50	0.10	µg/L	1		09/24/21 16:50
Vinyl chloride	ND	1.00	0.33	µg/L	1		09/24/21 16:50
Surr: 1,2-Dichloroethane-d4	111	75-130	0.16	%REC	1		09/24/21 16:50
Surr: Toluene-d8	95	75-125	0.10	%REC	1		09/24/21 16:50
Surr: 4-Bromofluorobenzene	86	75-125	0.10	%REC	1		09/24/21 16:50

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 09/28/21 11:57

975166

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2116114

Matrix: WATER Q

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 09/28/21 11:57

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2116114-004A

Client Sample ID: Trip Blank

Collection Date: 03/22/21 0:00

Date Received: 09/21/21 16:45

PrepDate:

BatchNo: R34966

FileID: 1-SAMP-R6871.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		09/24/21 17:26
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		09/24/21 17:26
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 17:26
Tetrachloroethene	ND	0.50	0.10	µg/L	1		09/24/21 17:26
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 17:26
Trichloroethene	ND	0.50	0.10	µg/L	1		09/24/21 17:26
Vinyl chloride	ND	1.00	0.33	µg/L	1		09/24/21 17:26
Surr: 1,2-Dichloroethane-d4	112	75-130	0.16	%REC	1		09/24/21 17:26
Surr: Toluene-d8	94	75-125	0.10	%REC	1		09/24/21 17:26
Surr: 4-Bromofluorobenzene	88	75-125	0.10	%REC	1		09/24/21 17:26

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 09/28/21 11:57

975167

Project Supervisor: David J Prichard

GeoLogic NY, Inc.

CHAIN OF CUSTODY RECORD

2116114

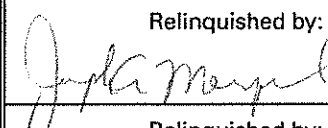
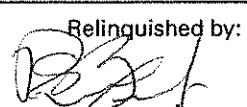
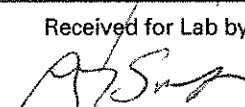
CLIENT: GeoLogic

SAMPLERS NAME(S):

PROJECT: 210087

JAM

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of SAMPLES	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
CC1 Cascade	9/15/21	14:30	X			2	See Below
CC1 Tower Discharge	9/15/21	14:40	X			2	"
CC3 Tower Influent	9/15/21	14:50	X			2	"
CC4 Trip Blank	3/22/21		X			2	"

Relinquished by:	Date	Time	Received by:	Date	Time
	9/15/21	13:30	GeoLogic Sample Frig	9/15/21	13:30
Relinquished by:	Date	Time	Received by:	Date	Time
GeoLogic Sample Frig	9/21/21	10:30		9/21/21	10:30
Relinquished by:	Date	Time	Received for Lab by:	Date	Time
	9/21/21	4:45		9/21/21	16:45

Method of Shipment: HAND DELIVERED TEMP 3.1°C

Samples Received

COMMENTS: On Ice

Sample Analysis (1 ug/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: GEOLOGIC

Date and Time Received:

9/21/2021 4:45:00 PM

Work Order Number: 2116114

Received by:

gis

Checklist completed by:

Initials

gjs

Date

9-21-21

Reviewed by:

Initials

DS

Date

9/22/21

Delivery Method: Courier

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

Comments:

Corrective Action: