



GeoLogic NY, PC

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

August 26, 2020

TRANSMITTED VIA EMAIL

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

Reference: Former Smith Corona Outfall Monitoring, July 2020
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 July 28, 2020.

The TCE results were:

Tower Influent	1.15 µg/L
Tower Discharge	0.39 µg/L – estimated value, analyte detected below the PQL
Cascade	0.19 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
Harry Warner, P.E., NYSDEC
Kathy McGrath, CCS & WCD
Michael Ryan, P.E., CCHD
Mike Shafer, Esq., SFG&M
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

Friday, August 07, 2020

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

TEL: 607 749-5000

Project: 210087

RE: Analytical Results

Order No.: 2011715

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 3 sample(s) on 7/29/2020 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.

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: 2011715

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 08/07/20 6:23

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2011715-001A

Client Sample ID: *Cascade*

Collection Date: 07/28/20 10:00

Date Received: 07/29/20 17:00

PrepDate:

BatchNo: R34119

FileID: 1-SAMP-n2661.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	07/31/20 14:10	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	07/31/20 14:10	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	07/31/20 14:10	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	07/31/20 14:10	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	07/31/20 14:10	
Trichloroethene	0.19 J	0.50	0.10	µg/L	1	07/31/20 14:10	
Vinyl chloride	ND	1.00	0.33	µg/L	1	07/31/20 14:10	
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1	07/31/20 14:10	
Surr: Toluene-d8	94	75-125	0.10	%REC	1	07/31/20 14:10	
Surr: 4-Bromofluorobenzene	97	75-125	0.10	%REC	1	07/31/20 14:10	

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: 08/07/20 6:27

935960

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: 2011715

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 08/07/20 6:23

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2011715-002A

Client Sample ID: *Tower Discharge*

Collection Date: 07/28/20 10:25

Date Received: 07/29/20 17:00

PrepDate:

BatchNo: R34119

FileID: 1-SAMP-n2662.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		07/31/20 14:45
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		07/31/20 14:45
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		07/31/20 14:45
Tetrachloroethene	ND	0.50	0.10	µg/L	1		07/31/20 14:45
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		07/31/20 14:45
Trichloroethene	0.39 J	0.50	0.10	µg/L	1		07/31/20 14:45
Vinyl chloride	ND	1.00	0.33	µg/L	1		07/31/20 14:45
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		07/31/20 14:45
Surr: Toluene-d8	96	75-125	0.10	%REC	1		07/31/20 14:45
Surr: 4-Bromofluorobenzene	98	75-125	0.10	%REC	1		07/31/20 14:45

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: 08/07/20 6:27

935961

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: 2011715

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 08/07/20 6:23

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2011715-003A

Client Sample ID: *Tower Influent*

Collection Date: 07/28/20 10:35

Date Received: 07/29/20 17:00

PrepDate:

BatchNo: R34119

FileID: 1-SAMP-n2663.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		07/31/20 15:20
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		07/31/20 15:20
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		07/31/20 15:20
Tetrachloroethene	ND	0.50	0.10	µg/L	1		07/31/20 15:20
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		07/31/20 15:20
Trichloroethene	1.15	0.50	0.10	µg/L	1		07/31/20 15:20
Vinyl chloride	ND	1.00	0.33	µg/L	1		07/31/20 15:20
Surr: 1,2-Dichloroethane-d4	96	75-130	0.16	%REC	1		07/31/20 15:20
Surr: Toluene-d8	94	75-125	0.10	%REC	1		07/31/20 15:20
Surr: 4-Bromofluorobenzene	98	75-125	0.10	%REC	1		07/31/20 15:20

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: 08/07/20 6:27

935962

Project Supervisor: David J Prichard

GeoLogic NY, Inc.

CHAIN OF CUSTODY RECORD

CLIENT: GeoLogic
PROJECT: 210087

SAMPLERS NAME(S):

Joseph Menzel

2011715

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of SAMPLES	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
Cascade	7/28/20	10:00	X			2	See Below
Tower Discharge	7/28/20	10:25	X			2	"
Tower Influent	7/28/20	10:35	X			2	"
Trip Blank			X			2	---

Relinquished by: <i>Joseph Menzel</i>	Date <i>7/28/20</i>	Time <i>13:00</i>	Received by: <i>Geologic Sample Frig</i>	Date <i>7/28/20</i>	Time <i>13:00</i>
Relinquished by: <i>Geologic Sample Frig</i>	Date	Time	Received by: <i>Bill Doralan</i>	Date <i>7/29/20</i>	Time <i>10:05</i>
Relinquished by: <i>Bill Doralan</i>	Date <i>7/29/20</i>	Time <i>17:00</i>	Received for Lab by: <i>GS</i>	Date <i>7-29-20</i>	Time <i>17:00</i>

Method of Shipment: **HAND DELIVERED** TEMP 5.0°

COMMENTS:

Sample Analysis (1 ug/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

Samples Received

On Ice

NO TRIP BLANK

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **GEOLOGIC**

Date and Time Received: **7/29/2020 5:00:00 PM**

Work Order Number: **2011715**

Received by: **gis**

Checklist completed by:

Initials

ms

Date

7/29/20

Reviewed by:

Initials

[Signature]

Date

7/31/20

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: