AECOM

Operation, Maintenance and Monitoring Report
June 2019

NOW Corporation
NYSDEC Site No. 3-14-008

Work Assignment No.
D007626-25

Prepared for:

SUPERFUND STANDBY PROGRAM
New York State
Department of Environmental Conservation
625 Broadway
Albany, New York 12233

Prepared by:

AECOM Technical Services Northeast, Inc.
40 British American Boulevard
Latham, New York 12110

August 2019

August 6, 2019

Mr. Payson Long
NYSDEC Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7013

Re: NOW Corporation - Site No. 3-14-008
O&M Summary Report: June 2019

Dear Mr. Long:

This monthly summary report describes the operation, maintenance and monitoring (OM&M) of the remedial system at the NOW Corporation site in the Town of Clinton, New York, for a 22-day period (**May 28 – June 19, 2019**).

With the exceptions noted below, if any, the pump and treat system was online and operational throughout the reporting period. Approximately 262,700 gallons of water were treated. Discharge from the treatment system averaged approximately 12,000 gallons per day (gpd).

As of the last day of the reporting period, a total of 116,508,000 gallons of groundwater had been recovered and treated by the system since it became operational in February 1998.

Table 1 summarizes influent and effluent analytical data for water samples collected on June 19, 2019. **There were no exceedances of effluent limitations.** A copy of the analytical laboratory report is attached. Total VOCs in the most contaminated extraction well (TW-2A) was 1,663 ug/L; last month's value was 677 ug/L.

Table 2 presents operational data recorded on the sampling date.

There was no downtime during the reporting period. Pumps in recovery wells were operational throughout the period.

AECOM made one site visit to conduct the required system inspection, perform scheduled and unscheduled maintenance, and to collect water samples. Details for the current period follow:

June 19 – Performed monthly system inspection and influent and effluent sampling. Weed wacked around the building. Cleaned up interior of building.

The VFD regulating the stripper blower remained at 55 Hz upon departure.

Please feel free to contact me at (518) 951-2262, or at stephen.choiniere@aecom.com if you have any questions or comments regarding this report or the operation of the treatment system.

Sincerely,
AECOM Technical Services Northeast, Inc.

Stephen R. Choiniere
Project Manager

Table 1
Summary of Influent and Effluent Data
Sampling Date: June 19, 2019
NOW Corporation Site
NYSDEC Site No. 3-14-008
Town of Clinton, New York

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations	(units)
			TW-1	TW-2A	TW-3		
Quantity treated, avg per day		11,941				Monitor	gallons
pH	7.2	6.9				6.5 to 8.5	standard units
Oil and Grease	<0.832	<0.832	NA	NA	NA	15	mg/L
Total Cyanide	<0.0050	<0.0050	NA	NA	NA	0.01	mg/L
TDS	**229**	**231**	NA	NA	NA	1000	mg/L
TSS	<1.00	<1.00	NA	NA	NA	50	mg/L
Aluminum, Total	<19.7	<19.7	NA	NA	NA	Monitor	ug/L
Arsenic, Total	<0.68	<0.68	NA	NA	NA	100	ug/L
Barium, Total	**54.5**	**72.4**	NA	NA	NA	Monitor	ug/L
Chromium	**0.75 J**	<0.70 K2	NA	NA	NA	400	ug/L
Copper	<9.9	<9.9	NA	NA	NA	24	ug/L
Iron	**173**	**33.4 J**	NA	NA	NA	600	ug/L
Mercury	<0.050	<0.050	NA	NA	NA	0.8	ug/L
Manganese	**294**	**48.5**	NA	NA	NA	Monitor	ug/L
Nickel	**1.4 J**	<0.60	NA	NA	NA	200	ug/L
Zinc	<6.2	**33.9**	NA	NA	NA	150	ug/L
1,1,1-Trichloroethane	**510**	<0.3	**1**	**1,000**	**2**	10	ug/L
1,1,2-Trichloroethane	<0.2	<0.2	<0.2	**0.5 J**	<0.2	1.2	ug/L
1,1-Dichloroethane	**140**	<0.2	**25**	**270**	**5**	10	ug/L
1,1-Dichloroethene	**12**	<0.2	**9**	**20**	**0.8 J**	0.5	ug/L
1,2-Dichloroethane	**0.3 J**	<0.3	<0.3	<0.3	<0.3	1.6	ug/L
2-Butanone	<0.3	<0.3	<0.3	<0.3	<0.3	NL	ug/L
Benzene	<0.2	<0.2	<0.2	<0.2	<0.2	1.4	ug/L
Chlorobenzene	<0.2	<0.2	<0.2	<0.2	<0.2	10	ug/L
Chloroethane	<0.2	<0.2	<0.2	**0.7 J**	**0.2 J**	10	ug/L
cis -1,2-Dichloroethene	**6**	<0.2	**4**	**11**	**0.4 J**	5	ug/L
Ethylbenzene	<0.4	<0.4	<0.4	<0.4	<0.4	10	ug/L
o-Xylene	<0.4	<0.4	<0.4	<0.4	<0.4	5	ug/L
m,p-Xylene	<1	<1	<1	<1	<1	10	ug/L
Tetrachloroethene	<0.2	<0.2	<0.2	<0.2	<0.2	1.4	ug/L
Tertrahydrofuran	<0.7	**3 J**	<0.7	<0.7	<0.7	NL	ug/L
Toluene	<0.2	<0.2	<0.2	<0.2	<0.2	10	ug/L
Trichloroethene	**220**	<0.2	**43**	**360**	**13**	6	ug/L
Vinyl Chloride	**0.3 J**	<0.2	<0.2	**0.4 J**	<0.2	0.6	ug/L

Notes:

1) Detected concentrations are presented in ***bold*** *typeface, and are expressed in the units shown in far right column.*

2) Effluent concentration boxed in ***bold*** *denotes exceedance of effluent limitations.*

3) NA indicates not analyzed.

*4) "**J**" indicates an estimated concentration below the reporting limit (RL).*

*5) "**B**" denotes metal detected in method blank at concentration below the RL, but above the method detection limit.*

*6) "**D**" indicates result from a diluted sample.*

7) NL indicates no effluent limitations specified.

Table 2
Summary of June 2019 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		**6/19/19**	**Units**
TW-1			
	Pumping Rate	0	GPM
	Water Level Above Transducer	14.88	feet
	Flow Meter Reading	9,331,100	gallons
	Pump Pressure	0	psi
TW-2A			
	Pumping Rate	11	GPM
	Water Level Above Transducer	25.49	feet
	Flow Meter Reading	19,757,200	gallons
	Pump Pressure	0	psi
TW-3			
	Pumping Rate	3	GPM
	Water Level Above Transducer	25.51	feet
	Flow Meter Reading	16,652,800	gallons
	Pump Pressure	0	psi
VFD Setting	Arrival	55	Hz
	Departure	55	Hz
Air Stripper			
	Stripper Blower Pressure	12	inches H_2O
	Air Temperature in Stripper	52	°F
Effluent Flow			
	Effluent Flow this period	262,709	gallons
	Total Effluent Flow	116,508,162	gallons

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☑ Final Report
☐ Revised Report

Report Date:
08-Jul-19 15:11

Laboratory Report
SC55234

AECOM Environment
40 British American Boulevard
Latham, NY 12110
Attn: Stephen Choiniere

Project: Now Corp - Staatsburg, NY
Project #: 60276639-1

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

Dawn Wojcik
Laboratory Director

Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 32 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Sample Summary

Work Order: SC55234

Project: Now Corp - Staatsburg, NY

Project Number: 60276639-1

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC55234-01	EFF55 061919	Ground Water	19-Jun-19 12:50	20-Jun-19 10:25
SC55234-02	INF 061919	Ground Water	19-Jun-19 12:43	20-Jun-19 10:25
SC55234-03	TW-1 061919	Ground Water	19-Jun-19 12:40	20-Jun-19 10:25
SC55234-04	TW-2A 061919	Ground Water	19-Jun-19 13:00	20-Jun-19 10:25
SC55234-05	TW-3 061919	Ground Water	19-Jun-19 12:48	20-Jun-19 10:25
SC55234-06	TB 061919	Trip Blank	19-Jun-19 00:00	20-Jun-19 10:25

CASE NARRATIVE:

Data has been reported to the MDL. This report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the detection limit are reported as "<" (less than) the detection limit in this report.

The samples were received 3.4 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group. If method or program required MS/MSD/Dup were not performed, sufficient sample was not provided to the laboratory.

Analysis Specific Comments:
SW-846 8260C, GC/MS Volatiles
Sample #s: 1086218, 1086219, 1086220, 1086221, 1086222, 1086223
A Method Detection Limit (MDL) standard is analyzed to confirm sensitivity of the instrument for samples with non-detect analytes associated with a continuing calibration verification standard exhibiting low response (outside the 20%D criteria). The MDL standard shows adequate sensitivity at or below the reporting limit.
The affected analyte(s) and response(s) are:
Analyte Response (%Drift)
2,2-dichloropropane -21
1,2-dichloroethane -24
2-butanone -23
4-methyl-2-pentanone -21
2-hexanone -21
trans-1,4-dichloro-2-butene -21

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW-846 6020A

Samples:

SC55234-01 *EFF55 061919*

CCAL Blank and CCV are above QC limit and sample result is ND

Chromium

Estimated value

Iron

SC55234-02 *INF 061919*

Estimated value

Chromium
Nickel

SW-846 8260C

Samples:

SC55234-01 *EFF55 061919*

Estimated value

Acetone
Tetrahydrofuran

This compound is a common laboratory contaminant

Acetone

SW-846 8260C

Samples:

SC55234-02 *INF 061919*

Estimated value

1,2-Dichloroethane
Acetone
Vinyl Chloride

Exceeded calibration range of the instrument

1,1,1-Trichloroethane

This compound is a common laboratory contaminant

Acetone

SC55234-02RE01 *INF 061919*

Estimated value

1,1-Dichloroethene
cis-1,2-Dichloroethene

SC55234-04 *TW-2A 061919*

Estimated value

1,1,2-Trichloroethane
Chloroethane
Vinyl Chloride

Exceeded calibration range of the instrument

1,1,1-Trichloroethane
Trichloroethene

SC55234-04RE01 *TW-2A 061919*

Estimated value

cis-1,2-Dichloroethene

SC55234-05 *TW-3 061919*

Estimated value

1,1-Dichloroethene
Chloroethane
cis-1,2-Dichloroethene

SC55234-06 *TB 061919*

Estimated value

Acetone

This compound is a common laboratory contaminant

Acetone

Sample Acceptance Check Form

Client:	AECOM Environment - Latham, NY
Project:	Now Corp - Staatsburg, NY / 60276639-1
Work Order:	SC55234
Sample(s) received on:	6/20/2019

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☑	☐	☐
Were custody seals intact?	☑	☐	☐
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples cooled on ice upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC55234-01 **Client ID:** EFF55 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Total Dissolved Solids	231		30.0	mg/l	SM 2540 C
Barium	0.0724		0.0040	mg/l	SW-846 6020A
Iron	0.0334	J.	0.100	mg/l	SW-846 6020A
Manganese	0.0485		0.0100	mg/l	SW-846 6020A
Zinc	0.0339		0.0150	mg/l	SW-846 6020A
Acetone	3	J., S	20	ug/l	SW-846 8260C
Tetrahydrofuran	3	J.	10	ug/l	SW-846 8260C

Lab ID: SC55234-02 **Client ID:** INF 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Total Dissolved Solids	229		30.0	mg/l	SM 2540 C
Barium	0.0545		0.0040	mg/l	SW-846 6020A
Chromium	0.00075	J.	0.0040	mg/l	SW-846 6020A
Iron	0.173		0.100	mg/l	SW-846 6020A
Manganese	0.294		0.0100	mg/l	SW-846 6020A
Nickel	0.0014	J.	0.0040	mg/l	SW-846 6020A
1,1,1-Trichloroethane	600	E.	1	ug/l	SW-846 8260C
1,1-Dichloroethane	140		1	ug/l	SW-846 8260C
1,1-Dichloroethene	12		1	ug/l	SW-846 8260C
1,2-Dichloroethane	0.3	J.	1	ug/l	SW-846 8260C
Acetone	0.8	J., S	20	ug/l	SW-846 8260C
cis-1,2-Dichloroethene	6		1	ug/l	SW-846 8260C
Trichloroethene	220		1	ug/l	SW-846 8260C
Vinyl Chloride	0.3	J.	1	ug/l	SW-846 8260C

Lab ID: SC55234-02RE01 **Client ID:** INF 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	510		10	ug/l	SW-846 8260C
1,1-Dichloroethane	120		10	ug/l	SW-846 8260C
1,1-Dichloroethene	9	J.	10	ug/l	SW-846 8260C
cis-1,2-Dichloroethene	5	J.	10	ug/l	SW-846 8260C
Trichloroethene	180		10	ug/l	SW-846 8260C

Lab ID: SC55234-03 **Client ID:** TW-1 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	1		1	ug/l	SW-846 8260C
1,1-Dichloroethane	25		1	ug/l	SW-846 8260C
1,1-Dichloroethene	9		1	ug/l	SW-846 8260C
cis-1,2-Dichloroethene	4		1	ug/l	SW-846 8260C
Trichloroethene	43		1	ug/l	SW-846 8260C

Lab ID: SC55234-04 **Client ID:** TW-2A 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	1300	E.	1	ug/l	SW-846 8260C
1,1,2-Trichloroethane	0.5	J.	1	ug/l	SW-846 8260C
1,1-Dichloroethane	270		1	ug/l	SW-846 8260C
1,1-Dichloroethene	20		1	ug/l	SW-846 8260C
Chloroethane	0.7	J.	1	ug/l	SW-846 8260C
cis-1,2-Dichloroethene	11		1	ug/l	SW-846 8260C
Trichloroethene	450	E.	1	ug/l	SW-846 8260C
Vinyl Chloride	0.4	J.	1	ug/l	SW-846 8260C

Lab ID: SC55234-04RE01 **Client ID:** TW-2A 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	1000		10	ug/l	SW-846 8260C
1,1-Dichloroethane	230		10	ug/l	SW-846 8260C
1,1-Dichloroethene	14		10	ug/l	SW-846 8260C
cis-1,2-Dichloroethene	9	J.	10	ug/l	SW-846 8260C
Trichloroethene	360		10	ug/l	SW-846 8260C

Lab ID: SC55234-05 **Client ID:** TW-3 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	2		1	ug/l	SW-846 8260C
1,1-Dichloroethane	5		1	ug/l	SW-846 8260C
1,1-Dichloroethene	0.8	J.	1	ug/l	SW-846 8260C
Chloroethane	0.2	J.	1	ug/l	SW-846 8260C
cis-1,2-Dichloroethene	0.4	J.	1	ug/l	SW-846 8260C
Trichloroethene	13		1	ug/l	SW-846 8260C

Lab ID: SC55234-06 **Client ID:** TB 061919

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	3	J., S	20	ug/l	SW-846 8260C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EFF55 061919	60276639-1	Ground Water	19-Jun-19 12:50	20-Jun-19
SC55234-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons													
Prepared by method General Preparation SVOC													
	Oil & Grease	< 0.832	U,OG	mg/l	0.962	0.832	1	EPA 1664B	24-Jun-19	25-Jun-19	SM	1900863	X
Total Metals by EPA 200/6000 Series Methods													
Prepared by method General Prep-Metal													
	Preservation	**Field Preserved; pH<2 confirmed**		N/A			1	EPA 200/6000 methods	20-Jun-19		ABW	1900849	
Subcontracted Analyses													
Prepared by method General Preparation													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
	Total Dissolved Solids	**231**		mg/l	30.0	10.0	1	SM 2540 C	25-Jun-19 14:58	25-Jun-19 14:58	10670	17696490	
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
	Total Suspended Solids	< 1.00		mg/l	3.00	1.00	1	SM 2540 D	25-Jun-19 11:12	25-Jun-19 11:12	10670	17638580	
Subcontracted Analyses													
Prepared by method SW-846 3020A													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
7429-90-5	Aluminum	< 0.0197		mg/l	0.400	0.0197	1	SW-846 6020A	28-Jun-19 07:30	28-Jun-19 16:06	10670	7914047(	
7440-38-2	Arsenic	< 0.00068		mg/l	0.0020	0.00068	1	"	"	"	"	"	
7440-39-3	Barium	**0.0724**		mg/l	0.0040	0.00075	1	"	"	"	"	"	
7440-47-3	Chromium	< 0.00070	K2	mg/l	0.0040	0.00070	1	"	"	"	"	"	
7440-50-8	Copper	< 0.0099		mg/l	0.0400	0.0099	1	"	"	"	"	"	
7439-89-6	Iron	**0.0334**	J.	mg/l	0.100	0.0228	1	"	"	"	"	"	
7439-96-5	Manganese	**0.0485**		mg/l	0.0100	0.0049	1	"	"	"	"	"	
7440-02-0	Nickel	< 0.00060		mg/l	0.0040	0.00060	1	"	"	"	"	"	
7440-66-6	Zinc	**0.0339**		mg/l	0.0150	0.0062	1	"	"	"	"	"	
Prepared by method METHOD													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
7439-97-6	Mercury	< 0.000050		mg/l	0.00020	0.000050	1	SW-846 7470A	26-Jun-19 16:40	27-Jun-19 07:29	10670	17605713	
Subcontracted Analyses													
Prepared by method SW-846 5030C													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
630-20-6	1,1,1,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 17:19	30-Jun-19 17:20	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 0.4		ug/l	5	0.4	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1		ug/l	5	1	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EFF55 061919	60276639-1	Ground Water	19-Jun-19 12:50	20-Jun-19
SC55234-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
95-50-1	1,2-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	SW-846 8260C	30-Jun-19 17:19	30-Jun-19 17:20	10670	191811A/	
107-06-2	1,2-Dichloroethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 29		ug/l	250	29	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-93-3	2-Butanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 0.5		ug/l	10	0.5	1	"	"	"	"	"	
67-64-1	Acetone	3	J., S	ug/l	20	0.7	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 0.3		ug/l	20	0.3	1	"	"	"	"	"	
71-43-2	Benzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-25-2	Bromoform	< 0.2		ug/l	4	0.2	1	"	"	"	"	"	
74-83-9	Bromomethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-00-3	Chloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
67-66-3	Chloroform	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-87-3	Chloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
64-17-5	Ethanol	< 280		ug/l	750	280	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
76-13-1	Freon 113	< 0.2		ug/l	10	0.2	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.7		ug/l	5	0.7	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 1		ug/l	5	1	1	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EFF55 061919 SC55234-01	60276639-1	Ground Water	19-Jun-19 12:50	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
75-09-2	Methylene Chloride	< 0.3		ug/l	1	0.3	1	SW-846 8260C	30-Jun-19 17:19	30-Jun-19 17:20	10670	191811A/	
91-20-3	Naphthalene	< 1		ug/l	5	1	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
95-47-6	o-Xylene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
100-42-5	Styrene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 0.8		ug/l	5	0.8	1	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 12		ug/l	50	12	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	3	J.	ug/l	10	0.7	1	"	"	"	"	"	
108-88-3	Toluene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-buten e	< 6		ug/l	50	6	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-01-4	Vinyl Chloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*104*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*92*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*80-120 %*			"	"	"	"	"	
Prepared by method METHOD													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
57-12-5	Total Cyanide (water)	< 0.0050		mg/l	0.010	0.0050	1	SW-846 9012B	25-Jun-19 17:00	26-Jun-19 20:08	10670	17611710	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
INF 061919	60276639-1	Ground Water	19-Jun-19 12:43	20-Jun-19
SC55234-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons													
Prepared by method General Preparation SVOC													
	Oil & Grease	< 0.832	U,OG	mg/l	0.962	0.832	1	EPA 1664B	24-Jun-19	25-Jun-19	SM	1900863	X
Total Metals by EPA 200/6000 Series Methods													
Prepared by method General Prep-Metal													
	Preservation	**Field Preserved; pH<2 confirmed**		N/A			1	EPA 200/6000 methods	20-Jun-19		ABW	1900849	
Subcontracted Analyses													
Prepared by method General Preparation													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
	Total Dissolved Solids	**229**		mg/l	30.0	10.0	1	SM 2540 C	25-Jun-19 14:58	25-Jun-19 14:58	10670	17696490	
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
	Total Suspended Solids	< 1.00		mg/l	3.00	1.00	1	SM 2540 D	25-Jun-19 11:12	25-Jun-19 11:12	10670	17638580	
Subcontracted Analyses													
Prepared by method SW-846 3020A													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
7429-90-5	Aluminum	< 0.0197		mg/l	0.400	0.0197	1	SW-846 6020A	28-Jun-19 07:30	28-Jun-19 15:04	10670	7914047(	
7440-38-2	Arsenic	< 0.00068		mg/l	0.0020	0.00068	1	"	"	"	"	"	
7440-39-3	Barium	**0.0545**		mg/l	0.0040	0.00075	1	"	"	"	"	"	
7440-47-3	Chromium	**0.00075**	J.	mg/l	0.0040	0.00070	1	"	"	"	"	"	
7440-50-8	Copper	< 0.0099		mg/l	0.0400	0.0099	1	"	"	"	"	"	
7439-89-6	Iron	**0.173**		mg/l	0.100	0.0228	1	"	"	"	"	"	
7439-96-5	Manganese	**0.294**		mg/l	0.0100	0.0049	1	"	"	"	"	"	
7440-02-0	Nickel	**0.0014**	J.	mg/l	0.0040	0.00060	1	"	"	"	"	"	
7440-66-6	Zinc	< 0.0062		mg/l	0.0150	0.0062	1	"	"	"	"	"	
Prepared by method METHOD													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
7439-97-6	Mercury	< 0.000050		mg/l	0.00020	0.000050	1	SW-846 7470A	26-Jun-19 16:40	27-Jun-19 07:31	10670	17605713	
Subcontracted Analyses													
Prepared by method SW-846 5030C													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
630-20-6	1,1,1,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 17:42	30-Jun-19 17:43	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	**600**	E.	ug/l	1	0.3	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**140**		ug/l	1	0.2	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**12**		ug/l	1	0.2	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 0.4		ug/l	5	0.4	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1		ug/l	5	1	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
INF 061919	60276639-1	Ground Water	19-Jun-19 12:43	20-Jun-19
SC55234-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
95-50-1	1,2-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	SW-846 8260C	30-Jun-19 17:42	30-Jun-19 17:43	10670	191811A/	
107-06-2	1,2-Dichloroethane	**0.3**	J.	ug/l	1	0.3	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 29		ug/l	250	29	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-93-3	2-Butanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 0.5		ug/l	10	0.5	1	"	"	"	"	"	
67-64-1	Acetone	**0.8**	J., S	ug/l	20	0.7	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 0.3		ug/l	20	0.3	1	"	"	"	"	"	
71-43-2	Benzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-25-2	Bromoform	< 0.2		ug/l	4	0.2	1	"	"	"	"	"	
74-83-9	Bromomethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-00-3	Chloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
67-66-3	Chloroform	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-87-3	Chloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**6**		ug/l	1	0.2	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
64-17-5	Ethanol	< 280		ug/l	750	280	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
76-13-1	Freon 113	< 0.2		ug/l	10	0.2	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.7		ug/l	5	0.7	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 1		ug/l	5	1	1	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
75-09-2	Methylene Chloride	< 0.3		ug/l	1	0.3	1	SW-846 8260C	30-Jun-19 17:42	30-Jun-19 17:43	10670	191811A/	
91-20-3	Naphthalene	< 1		ug/l	5	1	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
95-47-6	o-Xylene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
100-42-5	Styrene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 0.8		ug/l	5	0.8	1	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 12		ug/l	50	12	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 0.7		ug/l	10	0.7	1	"	"	"	"	"	
108-88-3	Toluene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-buten e	< 6		ug/l	50	6	1	"	"	"	"	"	
79-01-6	Trichloroethene	**220**		ug/l	1	0.2	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-01-4	Vinyl Chloride	**0.3**	J.	ug/l	1	0.2	1	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*107*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*92*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*80-120 %*			"	"	"	"	"	
Re-analysis of Subcontracted Analyses Prepared by method SW-846 5030C													
630-20-6	1,1,1,2-Tetrachloroethane	< 2		ug/l	10	2	10	SW-846 8260C	30-Jun-19 18:05	30-Jun-19 18:06	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	**510**		ug/l	10	3	10	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 2		ug/l	10	2	10	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**120**		ug/l	10	2	10	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**9**	J.	ug/l	10	2	10	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 2		ug/l	50	2	10	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 4		ug/l	50	4	10	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 2		ug/l	50	2	10	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 3		ug/l	50	3	10	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 10		ug/l	50	10	10	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloroprop ane	< 3		ug/l	50	3	10	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 2		ug/l	10	2	10	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 3		ug/l	10	3	10	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
INF 061919	60276639-1	Ground Water	19-Jun-19 12:43	20-Jun-19
SC55234-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
Re-analysis of Subcontracted Analyses													
78-87-5	1,2-Dichloropropane	< 2		ug/l	10	2	10	SW-846 8260C	30-Jun-19 18:05	30-Jun-19 18:06	10670	191811A/	
108-70-3	1,3,5-Trichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 3		ug/l	50	3	10	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 2		ug/l	10	2	10	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 290		ug/l	2500	290	10	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 3		ug/l	10	3	10	"	"	"	"	"	
78-93-3	2-Butanone	< 3		ug/l	100	3	10	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 2		ug/l	50	2	10	"	"	"	"	"	
591-78-6	2-Hexanone	< 3		ug/l	100	3	10	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 2		ug/l	50	2	10	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 5		ug/l	100	5	10	"	"	"	"	"	
67-64-1	Acetone	< 7		ug/l	200	7	10	"	"	"	"	"	
107-13-1	Acrylonitrile	< 3		ug/l	200	3	10	"	"	"	"	"	
71-43-2	Benzene	< 2		ug/l	10	2	10	"	"	"	"	"	
108-86-1	Bromobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
74-97-5	Bromochloromethane	< 2		ug/l	50	2	10	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-25-2	Bromoform	< 2		ug/l	40	2	10	"	"	"	"	"	
74-83-9	Bromomethane	< 3		ug/l	10	3	10	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 2		ug/l	50	2	10	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 2		ug/l	10	2	10	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2		ug/l	10	2	10	"	"	"	"	"	
75-00-3	Chloroethane	< 2		ug/l	10	2	10	"	"	"	"	"	
67-66-3	Chloroform	< 2		ug/l	10	2	10	"	"	"	"	"	
74-87-3	Chloromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	5	J.	ug/l	10	2	10	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 2		ug/l	10	2	10	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
74-95-3	Dibromomethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 2		ug/l	10	2	10	"	"	"	"	"	
64-17-5	Ethanol	< 2800		ug/l	7500	2800	10	"	"	"	"	"	
60-29-7	Ethyl ether	< 2		ug/l	50	2	10	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 2		ug/l	10	2	10	"	"	"	"	"	
100-41-4	Ethylbenzene	< 4		ug/l	10	4	10	"	"	"	"	"	
76-13-1	Freon 113	< 2		ug/l	100	2	10	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 7		ug/l	50	7	10	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 10		ug/l	50	10	10	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 2		ug/l	10	2	10	"	"	"	"	"	
75-09-2	Methylene Chloride	< 3		ug/l	10	3	10	"	"	"	"	"	
91-20-3	Naphthalene	< 10		ug/l	50	10	10	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
INF 061919 SC55234-02	60276639-1	Ground Water	19-Jun-19 12:43	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
Re-analysis of Subcontracted Analyses													
104-51-8	n-Butylbenzene	< 2		ug/l	50	2	10	SW-846 8260C	30-Jun-19 18:05	30-Jun-19 18:06	10670	191811A/	
103-65-1	n-Propylbenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
95-47-6	o-Xylene	< 4		ug/l	10	4	10	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 2		ug/l	50	2	10	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
100-42-5	Styrene	< 2		ug/l	50	2	10	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 8		ug/l	50	8	10	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 120		ug/l	500	120	10	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 3		ug/l	50	3	10	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 2		ug/l	10	2	10	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 7		ug/l	100	7	10	"	"	"	"	"	
108-88-3	Toluene	< 2		ug/l	10	2	10	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2		ug/l	10	2	10	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 2		ug/l	10	2	10	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-buten e	< 60		ug/l	500	60	10	"	"	"	"	"	
79-01-6	Trichloroethene	180		ug/l	10	2	10	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-01-4	Vinyl Chloride	< 2		ug/l	10	2	10	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*104*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*91*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*80-120 %*			"	"	"	"	"	
Prepared by method METHOD													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
57-12-5	Total Cyanide (water)	< 0.0050		mg/l	0.010	0.0050	1	SW-846 9012B	25-Jun-19 17:00	26-Jun-19 20:10	10670	17611710	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-1 061919 SC55234-03	60276639-1	Ground Water	19-Jun-19 12:40	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW-846 5030C													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
630-20-6	1,1,1,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 18:28	30-Jun-19 18:29	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	1		ug/l	1	0.3	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	25		ug/l	1	0.2	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	9		ug/l	1	0.2	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 0.4		ug/l	5	0.4	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1		ug/l	5	1	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 29		ug/l	250	29	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-93-3	2-Butanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 0.5		ug/l	10	0.5	1	"	"	"	"	"	
67-64-1	Acetone	< 0.7		ug/l	20	0.7	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 0.3		ug/l	20	0.3	1	"	"	"	"	"	
71-43-2	Benzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-25-2	Bromoform	< 0.2		ug/l	4	0.2	1	"	"	"	"	"	
74-83-9	Bromomethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-00-3	Chloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
67-66-3	Chloroform	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-87-3	Chloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-1 061919 SC55234-03	60276639-1	Ground Water	19-Jun-19 12:40	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
156-59-2	cis-1,2-Dichloroethene	4		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 18:28	30-Jun-19 18:29	10670	191811A/	
10061-01-5	cis-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
64-17-5	Ethanol	< 280		ug/l	750	280	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
76-13-1	Freon 113	< 0.2		ug/l	10	0.2	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.7		ug/l	5	0.7	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 1		ug/l	5	1	1	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-09-2	Methylene Chloride	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1		ug/l	5	1	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
95-47-6	o-Xylene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
100-42-5	Styrene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 0.8		ug/l	5	0.8	1	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 12		ug/l	50	12	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 0.7		ug/l	10	0.7	1	"	"	"	"	"	
108-88-3	Toluene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-butene	< 6		ug/l	50	6	1	"	"	"	"	"	
79-01-6	Trichloroethene	43		ug/l	1	0.2	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-01-4	Vinyl Chloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*106*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*91*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*80-120 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-2A 061919 SC55234-04	60276639-1	Ground Water	19-Jun-19 13:00	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW-846 5030C													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
630-20-6	1,1,1,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 18:50	30-Jun-19 18:51	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	**1,300**	E.	ug/l	1	0.3	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	**0.5**	J.	ug/l	1	0.2	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**270**		ug/l	1	0.2	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**20**		ug/l	1	0.2	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 0.4		ug/l	5	0.4	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1		ug/l	5	1	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 29		ug/l	250	29	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-93-3	2-Butanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 0.5		ug/l	10	0.5	1	"	"	"	"	"	
67-64-1	Acetone	< 0.7		ug/l	20	0.7	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 0.3		ug/l	20	0.3	1	"	"	"	"	"	
71-43-2	Benzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-25-2	Bromoform	< 0.2		ug/l	4	0.2	1	"	"	"	"	"	
74-83-9	Bromomethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-00-3	Chloroethane	**0.7**	J.	ug/l	1	0.2	1	"	"	"	"	"	
67-66-3	Chloroform	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-87-3	Chloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-2A 061919	60276639-1	Ground Water	19-Jun-19 13:00	20-Jun-19
SC55234-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
156-59-2	cis-1,2-Dichloroethene	**11**		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 18:50	30-Jun-19 18:51	10670	191811A/	
10061-01-5	cis-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
64-17-5	Ethanol	< 280		ug/l	750	280	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
76-13-1	Freon 113	< 0.2		ug/l	10	0.2	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.7		ug/l	5	0.7	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 1		ug/l	5	1	1	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-09-2	Methylene Chloride	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1		ug/l	5	1	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
95-47-6	o-Xylene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
100-42-5	Styrene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 0.8		ug/l	5	0.8	1	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 12		ug/l	50	12	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 0.7		ug/l	10	0.7	1	"	"	"	"	"	
108-88-3	Toluene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-buten e	< 6		ug/l	50	6	1	"	"	"	"	"	
79-01-6	Trichloroethene	**450**	E.	ug/l	1	0.2	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-01-4	Vinyl Chloride	**0.4**	J.	ug/l	1	0.2	1	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*105*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*92*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*100*			*80-120 %*			"	"	"	"	"	

Re-analysis of Subcontracted Analyses
Prepared by method SW-846 5030C

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-2A 061919 SC55234-04	60276639-1	Ground Water	19-Jun-19 13:00	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
Re-analysis of Subcontracted Analyses Prepared by method SW-846 5030C													
630-20-6	1,1,1,2-Tetrachloroethane	< 2		ug/l	10	2	10	SW-846 8260C	30-Jun-19 19:13	30-Jun-19 19:14	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	**1,000**		ug/l	10	3	10	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 2		ug/l	10	2	10	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**230**		ug/l	10	2	10	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**14**		ug/l	10	2	10	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 2		ug/l	50	2	10	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 4		ug/l	50	4	10	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 2		ug/l	50	2	10	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 3		ug/l	50	3	10	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 10		ug/l	50	10	10	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 3		ug/l	50	3	10	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 2		ug/l	10	2	10	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 3		ug/l	10	3	10	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 2		ug/l	10	2	10	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 3		ug/l	50	3	10	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 2		ug/l	10	2	10	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 290		ug/l	2500	290	10	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 3		ug/l	10	3	10	"	"	"	"	"	
78-93-3	2-Butanone	< 3		ug/l	100	3	10	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 2		ug/l	50	2	10	"	"	"	"	"	
591-78-6	2-Hexanone	< 3		ug/l	100	3	10	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 2		ug/l	50	2	10	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 5		ug/l	100	5	10	"	"	"	"	"	
67-64-1	Acetone	< 7		ug/l	200	7	10	"	"	"	"	"	
107-13-1	Acrylonitrile	< 3		ug/l	200	3	10	"	"	"	"	"	
71-43-2	Benzene	< 2		ug/l	10	2	10	"	"	"	"	"	
108-86-1	Bromobenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
74-97-5	Bromochloromethane	< 2		ug/l	50	2	10	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-25-2	Bromoform	< 2		ug/l	40	2	10	"	"	"	"	"	
74-83-9	Bromomethane	< 3		ug/l	10	3	10	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 2		ug/l	50	2	10	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 2		ug/l	10	2	10	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2		ug/l	10	2	10	"	"	"	"	"	
75-00-3	Chloroethane	< 2		ug/l	10	2	10	"	"	"	"	"	
67-66-3	Chloroform	< 2		ug/l	10	2	10	"	"	"	"	"	
74-87-3	Chloromethane	< 2		ug/l	10	2	10	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-2A 061919	60276639-1	Ground Water	19-Jun-19 13:00	20-Jun-19
SC55234-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
Re-analysis of Subcontracted Analyses													
156-59-2	cis-1,2-Dichloroethene	**9**	J.	ug/l	10	2	10	SW-846 8260C	30-Jun-19 19:13	30-Jun-19 19:14	10670	191811A/	
10061-01-5	cis-1,3-Dichloropropene	< 2		ug/l	10	2	10	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
74-95-3	Dibromomethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 2		ug/l	10	2	10	"	"	"	"	"	
64-17-5	Ethanol	< 2800		ug/l	7500	2800	10	"	"	"	"	"	
60-29-7	Ethyl ether	< 2		ug/l	50	2	10	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 2		ug/l	10	2	10	"	"	"	"	"	
100-41-4	Ethylbenzene	< 4		ug/l	10	4	10	"	"	"	"	"	
76-13-1	Freon 113	< 2		ug/l	100	2	10	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 7		ug/l	50	7	10	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 10		ug/l	50	10	10	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 2		ug/l	10	2	10	"	"	"	"	"	
75-09-2	Methylene Chloride	< 3		ug/l	10	3	10	"	"	"	"	"	
91-20-3	Naphthalene	< 10		ug/l	50	10	10	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
95-47-6	o-Xylene	< 4		ug/l	10	4	10	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 2		ug/l	50	2	10	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 2		ug/l	50	2	10	"	"	"	"	"	
100-42-5	Styrene	< 2		ug/l	50	2	10	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 8		ug/l	50	8	10	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 120		ug/l	500	120	10	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 3		ug/l	50	3	10	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 2		ug/l	10	2	10	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 7		ug/l	100	7	10	"	"	"	"	"	
108-88-3	Toluene	< 2		ug/l	10	2	10	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2		ug/l	10	2	10	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 2		ug/l	10	2	10	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-butene	< 60		ug/l	500	60	10	"	"	"	"	"	
79-01-6	Trichloroethene	**360**		ug/l	10	2	10	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 2		ug/l	10	2	10	"	"	"	"	"	
75-01-4	Vinyl Chloride	< 2		ug/l	10	2	10	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*104*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*91*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*80-120 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-3 061919 SC55234-05	60276639-1	Ground Water	19-Jun-19 12:48	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW-846 5030C													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
630-20-6	1,1,1,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 19:36	30-Jun-19 19:37	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	**2**		ug/l	1	0.3	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**5**		ug/l	1	0.2	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**0.8**	J.	ug/l	1	0.2	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 0.4		ug/l	5	0.4	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1		ug/l	5	1	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 29		ug/l	250	29	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-93-3	2-Butanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 0.5		ug/l	10	0.5	1	"	"	"	"	"	
67-64-1	Acetone	< 0.7		ug/l	20	0.7	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 0.3		ug/l	20	0.3	1	"	"	"	"	"	
71-43-2	Benzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-25-2	Bromoform	< 0.2		ug/l	4	0.2	1	"	"	"	"	"	
74-83-9	Bromomethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-00-3	Chloroethane	**0.2**	J.	ug/l	1	0.2	1	"	"	"	"	"	
67-66-3	Chloroform	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-87-3	Chloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TW-3 061919 SC55234-05	60276639-1	Ground Water	19-Jun-19 12:48	20-Jun-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
156-59-2	cis-1,2-Dichloroethene	**0.4**	J.	ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 19:36	30-Jun-19 19:37	10670	191811A/	
10061-01-5	cis-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
64-17-5	Ethanol	< 280		ug/l	750	280	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
76-13-1	Freon 113	< 0.2		ug/l	10	0.2	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.7		ug/l	5	0.7	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 1		ug/l	5	1	1	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-09-2	Methylene Chloride	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1		ug/l	5	1	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
95-47-6	o-Xylene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
100-42-5	Styrene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 0.8		ug/l	5	0.8	1	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 12		ug/l	50	12	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 0.7		ug/l	10	0.7	1	"	"	"	"	"	
108-88-3	Toluene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-buten e	< 6		ug/l	50	6	1	"	"	"	"	"	
79-01-6	Trichloroethene	**13**		ug/l	1	0.2	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-01-4	Vinyl Chloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*106*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*92*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*80-120 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB 061919 SC55234-06	60276639-1	Trip Blank	19-Jun-19 00:00	20-Jun-19

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW-846 5030C													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
630-20-6	1,1,1,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 15:26	30-Jun-19 15:27	10670	191811A/	
71-55-6	1,1,1-Trichloroethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 0.4		ug/l	5	0.4	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1		ug/l	5	1	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 29		ug/l	250	29	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
78-93-3	2-Butanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 0.3		ug/l	10	0.3	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 0.5		ug/l	10	0.5	1	"	"	"	"	"	
67-64-1	Acetone	3	J., S	ug/l	20	0.7	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 0.3		ug/l	20	0.3	1	"	"	"	"	"	
71-43-2	Benzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-25-2	Bromoform	< 0.2		ug/l	4	0.2	1	"	"	"	"	"	
74-83-9	Bromomethane	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
56-23-5	Carbon Tetrachloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-00-3	Chloroethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
67-66-3	Chloroform	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-87-3	Chloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB 061919 SC55234-06	60276639-1	Trip Blank	19-Jun-19 00:00	20-Jun-19

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Subcontracted Analyses													
Subcontracted Analyses													
Analysis performed by Eurofins Lancaster Laboratories Environmental - 10670													
156-59-2	cis-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	SW-846 8260C	30-Jun-19 15:26	30-Jun-19 15:27	10670	191811A/	
10061-01-5	cis-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
108-20-3	di-Isopropyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
64-17-5	Ethanol	< 280		ug/l	750	280	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
637-92-3	Ethyl t-butyl ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
76-13-1	Freon 113	< 0.2		ug/l	10	0.2	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.7		ug/l	5	0.7	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
179601-23-1	m+p-Xylene	< 1		ug/l	5	1	1	"	"	"	"	"	
1634-04-4	Methyl Tertiary Butyl Ether	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-09-2	Methylene Chloride	< 0.3		ug/l	1	0.3	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1		ug/l	5	1	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
95-47-6	o-Xylene	< 0.4		ug/l	1	0.4	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
100-42-5	Styrene	< 0.2		ug/l	5	0.2	1	"	"	"	"	"	
994-05-8	t-Amyl methyl ether	< 0.8		ug/l	5	0.8	1	"	"	"	"	"	
75-65-0	t-Butyl alcohol	< 12		ug/l	50	12	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 0.3		ug/l	5	0.3	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 0.7		ug/l	10	0.7	1	"	"	"	"	"	
108-88-3	Toluene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-buten e	< 6		ug/l	50	6	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
75-01-4	Vinyl Chloride	< 0.2		ug/l	1	0.2	1	"	"	"	"	"	
Surrogate recoveries:													
17060-07-0	*1,2-Dichloroethane-d4*	*104*			*80-120 %*			"	"	"	"	"	
460-00-4	*4-Bromofluorobenzene*	*93*			*80-120 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*97*			*80-120 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*100*			*80-120 %*			"	"	"	"	"	

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
EPA 1664B										
Batch 1900863 - General Preparation SVOC										
Blank (1900863-BLK1)					Prepared: 24-Jun-19 Analyzed: 25-Jun-19					
Oil & Grease	< 0.865	U	mg/l	0.865						
LCS (1900863-BS1)					Prepared: 24-Jun-19 Analyzed: 25-Jun-19					
Oil & Grease	**34.9**		mg/l	0.865	39.9		87	78-114		
LCS Dup (1900863-BSD1)					Prepared: 24-Jun-19 Analyzed: 25-Jun-19					
Oil & Grease	**34.7**		mg/l	0.865	39.9		87	78-114	0.6	11

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SM 2540 C										
Batch 19176964901A - General Preparation										
Blank (B176881B)						Prepared & Analyzed: 25-Jun-19				
Total Dissolved Solids	< 10.0		mg/l	10.0				-		
LCS (L176881Q)						Prepared & Analyzed: 25-Jun-19				
Total Dissolved Solids	**212**		mg/l	30.0	200		106	74-127		
SM 2540 D										
Batch 19176385801A - General Preparation										
Blank (B176711B)						Prepared & Analyzed: 25-Jun-19				
Total Suspended Solids	< 1.00		mg/l	1.00				-		
LCS (L176711Q)						Prepared & Analyzed: 25-Jun-19				
Total Suspended Solids	**148**		mg/l	3.00	150		99	89-105		
SW-846 6020A										
Batch 191791404701A - SW-846 3020A										
Blank (P17904ABB)						Prepared & Analyzed: 28-Jun-19				
Barium	< 0.00075		mg/l	0.00075				-		
Nickel	< 0.00060		mg/l	0.00060				-		
Manganese	< 0.0049		mg/l	0.0049				-		
Iron	< 0.0228		mg/l	0.0228				-		
Zinc	< 0.0062		mg/l	0.0062				-		
Chromium	< 0.00070		mg/l	0.00070				-		
Arsenic	< 0.00068		mg/l	0.00068				-		
Aluminum	< 0.0197		mg/l	0.0197				-		
Copper	< 0.0099		mg/l	0.0099				-		
LCS (P17904AQQ)						Prepared & Analyzed: 28-Jun-19				
Nickel	**0.0498**		mg/l	0.0040	0.0500		100	90-114		
Aluminum	**2.04**		mg/l	0.400	2.00		102	88-114		
Zinc	**0.512**		mg/l	0.0150	0.500		102	90-115		
Manganese	**0.0518**		mg/l	0.0100	0.0500		104	89-120		
Iron	**1.02**		mg/l	0.100	1.00		102	87-114		
Copper	**0.0517**		mg/l	0.0400	0.0500		103	89-120		
Chromium	**0.0499**		mg/l	0.0040	0.0500		100	90-115		
Barium	**0.0489**		mg/l	0.0040	0.0500		98	80-120		
Arsenic	**0.0100**		mg/l	0.0020	0.0100		100	85-120		
SW-846 7470A										
Batch 191760571302 - METHOD										
Blank (P17671BBB)						Prepared: 26-Jun-19 Analyzed: 27-Jun-19				
Mercury	< 0.000050		mg/l	0.000050				-		
LCS (P17671BQQ)						Prepared: 26-Jun-19 Analyzed: 27-Jun-19				
Mercury	**0.00080**		mg/l	0.00020	0.0010		80	80-110		
SW-846 8260C										
Batch 4191811AA - SW-846 5030C										
LCS (LCS434Q)						Prepared & Analyzed: 30-Jun-19				
1,4-Dioxane	**540**		ug/l	250	500		108	63-146		
1,2-Dichloroethane	**17**		ug/l	1	20		83	73-124		
1,3,5-Trichlorobenzene	**18**		ug/l	5	20		92	66-123		
1,3-Dichlorobenzene	**19**		ug/l	5	20		94	80-120		
1,3-Dichloropropane	**19**		ug/l	1	20		94	80-120		
1,4-Dichlorobenzene	**19**		ug/l	5	20		96	80-120		
2,2-Dichloropropane	**16**		ug/l	1	20		82	55-142		
2-Butanone	**110**		ug/l	10	150		74	59-135		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW-846 8260C										
Batch 4191811AA - SW-846 5030C										
LCS (LCS434Q)					Prepared & Analyzed: 30-Jun-19					
2-Chlorotoluene	**19**		ug/l	5	20		94	80-120		
1,2-Dichlorobenzene	**19**		ug/l	5	20		95	80-120		
4-Chlorotoluene	**19**		ug/l	5	20		95	80-120		
1,1-Dichloropropene	**18**		ug/l	5	20		91	78-120		
4-Methyl-2-pentanone	**75**		ug/l	10	100		75	62-133		
2-Hexanone	**78**		ug/l	10	100		78	56-135		
1,2-Dibromoethane	**19**		ug/l	1	20		94	77-120		
1,2-Dibromo-3-chloropropane	**16**		ug/l	5	20		79	47-131		
1,2,4-Trimethylbenzene	**18**		ug/l	5	20		90	75-120		
1,2,4-Trichlorobenzene	**18**		ug/l	5	20		91	63-120		
1,1,1,2-Tetrachloroethane	**18**		ug/l	1	20		91	78-120		
1,2,3-Trichlorobenzene	**19**		ug/l	5	20		93	66-120		
1,1-Dichloroethene	**21**		ug/l	1	20		105	80-131		
1,1-Dichloroethane	**18**		ug/l	1	20		92	80-120		
1,1,2-Trichloroethane	**20**		ug/l	1	20		100	80-120		
1,1,2,2-Tetrachloroethane	**19**		ug/l	1	20		96	72-120		
1,1,1-Trichloroethane	**17**		ug/l	1	20		85	67-126		
Acetone	**160**		ug/l	20	150		109	54-157		
1,3,5-Trimethylbenzene	**18**		ug/l	5	20		90	75-120		
1,2,3-Trichloropropane	**19**		ug/l	5	20		93	75-124		
Acrylonitrile	**83**		ug/l	20	100		83	60-129		
Hexachlorobutadiene	**18**		ug/l	5	20		88	63-120		
Isopropylbenzene	**18**		ug/l	5	20		91	80-120		
m+p-Xylene	**38**		ug/l	5	40		95	80-120		
Methyl Tertiary Butyl Ether	**17**		ug/l	1	20		85	69-122		
Methylene Chloride	**20**		ug/l	1	20		100	80-120		
Naphthalene	**18**		ug/l	5	20		90	53-124		
n-Butylbenzene	**18**		ug/l	5	20		88	76-120		
n-Propylbenzene	**19**		ug/l	5	20		93	79-121		
o-Xylene	**18**		ug/l	1	20		91	80-120		
p-Isopropyltoluene	**18**		ug/l	5	20		89	76-120		
Freon 113	**20**		ug/l	10	20		99	73-139		
Styrene	**18**		ug/l	5	20		92	80-120		
t-Amyl methyl ether	**17**		ug/l	5	20		83	66-120		
t-Butyl alcohol	**180**		ug/l	50	200		91	60-130		
1,2-Dichloropropane	**19**		ug/l	1	20		95	80-120		
Tetrachloroethene	**20**		ug/l	1	20		98	80-120		
Tetrahydrofuran	**110**		ug/l	10	100		110	54-144		
Toluene	**19**		ug/l	1	20		95	80-120		
trans-1,2-Dichloroethene	**20**		ug/l	1	20		99	80-126		
trans-1,3-Dichloropropene	**17**		ug/l	1	20		85	67-120		
trans-1,4-Dichloro-2-butene	**79**		ug/l	50	100		79	33-143		
Trichloroethene	**18**		ug/l	1	20		92	80-120		
Trichlorofluoromethane	**15**		ug/l	1	20		73	55-135		
Vinyl Chloride	**17**		ug/l	1	20		83	56-120		
sec-Butylbenzene	**18**		ug/l	5	20		92	77-120		
Bromomethane	**15**		ug/l	1	20		75	53-128		
tert-Butylbenzene	**18**		ug/l	5	20		89	78-120		
Ethylbenzene	**18**		ug/l	1	20		91	80-120		
Benzene	**19**		ug/l	1	20		95	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW-846 8260C										
Batch 4191811AA - SW-846 5030C										
LCS (LCS434Q)					Prepared & Analyzed: 30-Jun-19					
Bromobenzene	**19**		ug/l	5	20		95	80-120		
Bromochloromethane	**18**		ug/l	5	20		91	80-120		
Bromodichloromethane	**17**		ug/l	1	20		84	71-120		
Bromoform	**17**		ug/l	4	20		83	51-120		
Carbon Disulfide	**19**		ug/l	5	20		96	65-128		
Carbon Tetrachloride	**17**		ug/l	1	20		84	64-134		
Chlorobenzene	**19**		ug/l	1	20		97	80-120		
Chloroethane	**16**		ug/l	1	20		80	55-123		
Chloroform	**18**		ug/l	1	20		88	80-120		
di-Isopropyl ether	**17**		ug/l	1	20		86	70-124		
Ethyl t-butyl ether	**16**		ug/l	1	20		81	68-121		
Ethanol	**430**		ug/l	750	500		87	31-180		
Dichlorodifluoromethane	**14**		ug/l	1	20		70	41-127		
Dibromomethane	**18**		ug/l	1	20		91	80-120		
Dibromochloromethane	**18**		ug/l	1	20		88	71-120		
cis-1,3-Dichloropropene	**18**		ug/l	1	20		88	75-120		
cis-1,2-Dichloroethene	**21**		ug/l	1	20		103	80-125		
Chloromethane	**16**		ug/l	1	20		82	56-121		
Surrogate: Dibromofluoromethane	*48*		ug/l		*50*		*96*	*80-120*		
Surrogate: 4-Bromofluorobenzene	*48*		ug/l		*50*		*96*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*51*		ug/l		*50*		*102*	*80-120*		
Surrogate: Toluene-d8	*50*		ug/l		*50*		*101*	*80-120*		
LCS (LCS435Q)					Prepared & Analyzed: 30-Jun-19					
Ethyl ether	**19**		ug/l	5	20		95	59-141		
Blank (VBLK434B)					Prepared & Analyzed: 30-Jun-19					
2-Hexanone	< 0.3		ug/l	0.3				-		
1,2-Dichloroethane	< 0.3		ug/l	0.3				-		
1,2-Dichloropropane	< 0.2		ug/l	0.2				-		
1,3,5-Trichlorobenzene	< 0.2		ug/l	0.2				-		
1,3,5-Trimethylbenzene	< 0.3		ug/l	0.3				-		
1,3-Dichlorobenzene	< 0.2		ug/l	0.2				-		
1,3-Dichloropropane	< 0.2		ug/l	0.2				-		
1,4-Dichlorobenzene	< 0.2		ug/l	0.2				-		
1,4-Dioxane	< 29		ug/l	29				-		
2-Chlorotoluene	< 0.2		ug/l	0.2				-		
2-Butanone	< 0.3		ug/l	0.3				-		
4-Chlorotoluene	< 0.2		ug/l	0.2				-		
1,2-Dichlorobenzene	< 0.2		ug/l	0.2				-		
2,2-Dichloropropane	< 0.3		ug/l	0.3				-		
1,2-Dibromoethane	< 0.2		ug/l	0.2				-		
1,2-Dibromo-3-chloropropane	< 0.3		ug/l	0.3				-		
1,2,4-Trimethylbenzene	< 1		ug/l	1				-		
1,2,4-Trichlorobenzene	< 0.3		ug/l	0.3				-		
1,2,3-Trichloropropane	< 0.2		ug/l	0.2				-		
1,2,3-Trichlorobenzene	< 0.4		ug/l	0.4				-		
1,1-Dichloropropene	< 0.2		ug/l	0.2				-		
1,1-Dichloroethene	< 0.2		ug/l	0.2				-		
1,1-Dichloroethane	< 0.2		ug/l	0.2				-		
1,1,2-Trichloroethane	< 0.2		ug/l	0.2				-		
1,1,2,2-Tetrachloroethane	< 0.2		ug/l	0.2				-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW-846 8260C										
Batch 4191811AA - SW-846 5030C										
Blank (VBLK434B)						Prepared & Analyzed: 30-Jun-19				
1,1,1,2-Tetrachloroethane	< 0.2		ug/l	0.2				-		
Tetrahydrofuran	< 0.7		ug/l	0.7				-		
4-Methyl-2-pentanone	< 0.5		ug/l	0.5				-		
1,1,1-Trichloroethane	< 0.3		ug/l	0.3				-		
Styrene	< 0.2		ug/l	0.2				-		
Freon 113	< 0.2		ug/l	0.2				-		
tert-Butylbenzene	< 0.3		ug/l	0.3				-		
Isopropylbenzene	< 0.2		ug/l	0.2				-		
m+p-Xylene	< 1		ug/l	1				-		
Methyl Tertiary Butyl Ether	< 0.2		ug/l	0.2				-		
Methylene Chloride	< 0.3		ug/l	0.3				-		
Naphthalene	< 1		ug/l	1				-		
n-Butylbenzene	< 0.2		ug/l	0.2				-		
n-Propylbenzene	< 0.2		ug/l	0.2				-		
o-Xylene	< 0.4		ug/l	0.4				-		
Acetone	< 0.7		ug/l	0.7				-		
sec-Butylbenzene	< 0.2		ug/l	0.2				-		
Ethylbenzene	< 0.4		ug/l	0.4				-		
t-Amyl methyl ether	< 0.8		ug/l	0.8				-		
t-Butyl alcohol	< 12		ug/l	12				-		
Tetrachloroethene	< 0.2		ug/l	0.2				-		
Toluene	< 0.2		ug/l	0.2				-		
trans-1,2-Dichloroethene	< 0.2		ug/l	0.2				-		
trans-1,3-Dichloropropene	< 0.2		ug/l	0.2				-		
trans-1,4-Dichloro-2-butene	< 6		ug/l	6				-		
Trichloroethene	< 0.2		ug/l	0.2				-		
Trichlorofluoromethane	< 0.2		ug/l	0.2				-		
Vinyl Chloride	< 0.2		ug/l	0.2				-		
p-Isopropyltoluene	< 0.2		ug/l	0.2				-		
Chloroethane	< 0.2		ug/l	0.2				-		
Acrylonitrile	< 0.3		ug/l	0.3				-		
Benzene	< 0.2		ug/l	0.2				-		
Bromobenzene	< 0.2		ug/l	0.2				-		
Bromochloromethane	< 0.2		ug/l	0.2				-		
Bromodichloromethane	< 0.2		ug/l	0.2				-		
Bromoform	< 0.2		ug/l	0.2				-		
Bromomethane	< 0.3		ug/l	0.3				-		
Carbon Disulfide	< 0.2		ug/l	0.2				-		
Hexachlorobutadiene	< 0.7		ug/l	0.7				-		
Chlorobenzene	< 0.2		ug/l	0.2				-		
Ethyl t-butyl ether	< 0.2		ug/l	0.2				-		
Dibromomethane	< 0.2		ug/l	0.2				-		
Ethyl ether	< 0.2		ug/l	0.2				-		
Ethanol	< 280		ug/l	280				-		
di-Isopropyl ether	< 0.2		ug/l	0.2				-		
Carbon Tetrachloride	< 0.2		ug/l	0.2				-		
Dichlorodifluoromethane	< 0.2		ug/l	0.2				-		
Chloroform	< 0.2		ug/l	0.2				-		
Dibromochloromethane	< 0.2		ug/l	0.2				-		
cis-1,3-Dichloropropene	< 0.2		ug/l	0.2				-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW-846 8260C										
Batch 4191811AA - SW-846 5030C										
Blank (VBLK434B)						Prepared & Analyzed: 30-Jun-19				
cis-1,2-Dichloroethene	< 0.2		ug/l	0.2				-		
Chloromethane	< 0.2		ug/l	0.2				-		
Surrogate: Dibromofluoromethane	*49*		ug/l		*50*		*98*	*80-120*		
Surrogate: 4-Bromofluorobenzene	*46*		ug/l		*50*		*92*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*52*		ug/l		*50*		*103*	*80-120*		
Surrogate: Toluene-d8	*50*		ug/l		*50*		*100*	*80-120*		
SW-846 9012B										
Batch 19176117101A - METHOD										
Blank (P17617ABB)						Prepared: 25-Jun-19 Analyzed: 26-Jun-19				
Total Cyanide (water)	< 0.0050		mg/l	0.0050				-		
LCS (P17617AQQ)						Prepared: 25-Jun-19 Analyzed: 26-Jun-19				
Total Cyanide (water)	**0.20**		mg/l	0.010	0.20		98	90-110		

Notes and Definitions

E.	Exceeded calibration range of the instrument
J.	Estimated value
K2	CCAL Blank and CCV are above QC limit and sample result is ND
S	This compound is a common laboratory contaminant
U	Analyte included in the analysis, but not detected at or above the MDL.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
OG	The required Matrix Spike and Matrix Spike Duplicate (MS/MSD) for Oil & Grease method 1664B can only be analyzed when the client has submitted sufficient sample volume. An extra liter per MS/MSD is required to fulfill the method QC criteria. Please refer to Chain of Custody and QC Summary (MS/MSD) of the Laboratory Report to verify ample sample volume was submitted to fulfill the requirement.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

FedEx # 8139 4282 5260

SC55234

FW

eurofins | Spectrum Analytical

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [X] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: AECOM
40 British American Blvd.
Latham NY 12110

Telephone #: 518-951-2200
Project Mgr: Stephen Choiniere

Invoice To: Same

P.O No.: _____ Quote #: _____

Project No: 60276639-1
Site Name: Now Corp / 3-14-008
Location: Staatsburg State: NY
Sampler(s): SRG

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= none 12= _____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= _____ X2= _____ X3= _____

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: List Preservative Code below: 2	4	11	3	5	Check if chlorinated
										8260	Metals*	TSS/TDS	O+G	Cyanide	
SC55234-01	EFF55 061919	6/19/19	1250	G	GW	3	1		4	X	X	X	X	X	
-02	INF 061919		1243				1		4		X	X	X	X	
-03	TW-1 061919		1240												
-04	TW-2A 061919		1300												
-05	TW-3 061919		1248												
-06	TB 061919	—	—	—	—	2									

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? [ ] Yes [ ] No
CT DPH RCP Report? [ ] Yes [ ] No
[ ] Standard [ ] No QC [ ] DQA*
[ ] ASP A* [ ] ASP B*
[ ] NJ Reduced* [ ] NJ Full*
[ ] Tier II* [ ] Tier IV*
[ ] Other: _____
State-specific reporting standards:

*Al, Ba, As, Cr, Cu, Fe, Mn, Hg, Zn, Ni

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]		6-19-19	1615	Observed 3.4
[signature]	[signature]	6/20/19	1025	Correction Factor 0
				Corrected 3.4
				IR ID # 01

[ ] EDD format: _____
[ ] E-mail to: _____

Condition upon receipt: Custody Seals: [ ] Present [ ] Intact [ ] Broken
[ ] Ambient [ ] Iced [ ] Refrigerated [ ] DI VOA Frozen [ ] Soil Jar Frozen

VK

00082

00100

FedEx Express Package US Airbill

FedEx Tracking Number 8139 4282 5260

Form ID No. 0215

Recipient's Copy

1 From

Date 6-19-19

Sender's Name Steve Gray Phone 518 951-2200

Company AECOM TECHNICAL SERVICES

Address 40 BRITISH AMERICAN BLVD

Dept./Floor/Suite/Room

City LATHAM State NY ZIP 12110-1421

2 Your Internal Billing Reference

60276639-1

3 To

Recipient's Name Attn: Sample Receipt Phone 413 781-9018

Company Eurofins Spectrum Analytical

Address 11 Almgren Dr

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Agawam State MA ZIP 01001

Hold Weekday
FedEx location address REQUIRED. **NOT available for** FedEx First Overnight.

Hold Saturday
FedEx location address REQUIRED. **Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations.

8139 4282 5260

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging

* Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☐ Direct Signature — Someone at recipient's address may sign for delivery.

☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required. ☐ Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

☒ Sender — Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages _____ Total Weight _____ lbs.

Credit Card Auth. _____

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

Batch Summary

1900849

Total Metals by EPA 200/6000 Series Methods

SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)

1900863

Extractable Petroleum Hydrocarbons

1900863-BLK1
1900863-BS1
1900863-BSD1
SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)

191760571302

Subcontracted Analyses

P17671BBB
P17671BQQ
SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)

19176117101A

Subcontracted Analyses

P17617ABB
P17617AQQ
SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)

19176385801A

Subcontracted Analyses

B176711B
L176711Q
SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)

19176964901A

Subcontracted Analyses

B176881B
L176881Q
SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)

191791404701A

Subcontracted Analyses

P17904ABB
P17904AQQ
SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)

4191811AA

Subcontracted Analyses

LCS434Q
LCS435Q
SC55234-01 (EFF55 061919)
SC55234-02 (INF 061919)
SC55234-02RE01 (INF 061919)
SC55234-03 (TW-1 061919)
SC55234-04 (TW-2A 061919)
SC55234-04RE01 (TW-2A 061919)
SC55234-05 (TW-3 061919)
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VBLK434B